# MARITIME HERITAGE MINNESOTA



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Log Books 19-20 of the USS Essex

June 5, 1884 - January 15, 1885

The Day-to-Day Operations of Shipbuilder Donald

McKay's Last Ship



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## USS Essex Log Books 19-20

### Finding Aid

Adams class ship USS Essex (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS Essex could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS Essex log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the Essex as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the Essex that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and job), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the Essex in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the Essex, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The digitization and editing of the USS Essex log books were made possible with funding provided by the Minnesota Historical and Cultural Heritage Grant

program, part of the Arts and Cultural Heritage Fund of the Clean Water, Land and Legacy Amendment.

#### Log Books 19-20 of the USS *Essex*: June 22, 1884-January 15, 1885

The National Archives houses USS *Essex* Log Books 19 and 20, near duplicates of each other; one begins in early June and ends in mid-January, while the other begins in mid-June and ends in mid-January. Throughout Log Books 19 and 20, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and vice-versa
- when under steam the different watches record the average steam boiler pressure and engine revolutions
- lowering of smokestack and proceeded under sail and vice-versa when the Essex was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- swinging the ship to test for compass deviation
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- orew conducting ship maintenance: engine maintenance/repair, general ship cleaning, bilge cleaning and checking pumps, scraping and painting and sometimes tarring and caulking the ship's hull and infrastructure, repairing yards and stays, repairing sails, scrubbing masts and yards
- crew conducting drills: target practice with the main battery (great guns), small arms drills, fire drills, single stick drills, revolver drills, landing party drills
- cadet/apprentice drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew promotions
- crew quarters inspection

- liberty parties sent ashore
- crew members are discharged at their own request (DOR)
- lists of new crew members recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- o crew reporting the expiration of their contracted naval service
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- rewards offered for the return of AWOL crewmen
- weekly Sunday services; after the services, once a month, the Articles for Better Government of the Navy were read to the crew

NOTE: The *Essex* deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Books 19-20, in mid-June 1884, the USS Essex was anchored in Nagasaki Harbor, Japan, under Commander Alexander H. McCormick. Essex was assigned to the US Asiatic Squadron. On June 22, a crewman was transferred from iron gunboat USS Alert, and the sloop-of-war Flagship USS Enterprise exchanged signals with Essex, one of her sister ships. A mail steamer from Yokohama arrived in the harbor and Essex took on mail from the US. The next day, the Commander of the US Asiatic Squadron Rear Admiral John Lee Davis and his staff visit Essex. Sloop-of-war USS Juniata received munitions from Essex, Essex swapped crewmen with USS Enterprise, and USS Alert got underway. On June 25, Flagship USS Enterprise fired an 11-gun salute in honor of a Japanese Commodore. Two days later, Rear Admiral Davis and his staff returned to Essex and inspected the ship, followed by divisional and boat launching drills, clearing for action, gun, and fire drills. On June 29 corvette USS Trenton anchored in the harbor, while Flagship Enterprise signaled Essex with an order to follow her lead during small arms drills. The next day, Admiral Davis left USS Enterprise and boarded USS Trenton; his Admiral's flag transferred to Trenton with him and she became the Flagship for the Asiatic Station. Several crewmen were swapped between Essex. Trenton, Juniata, and Enterprise

On July 1, Commanding Officer McCormick and his first officer left the ship for survey duty on the *Enterprise*, and more crew transfers took place between *Essex*, *Juniata*, and *Trenton*. The next day, a crewman fell from the main top to futtock shrouds and was lowered to deck in an 'insensible' condition. On July 4, the crew dressed *Essex* in rainbow fashion to commemorate Independence Day. At dusk, the ship was illuminated with a rainbow of Japanese lanterns along both sides and in the gunports and gangways. Flagship USS *Trenton* fired salute of 21-guns and a Russian corvette and the shore battery fires salutes in response. Also, two Asian men enlisted on *Essex* as Landsmen, listed as being in 'special service'. The next day, maritime signals exchanged between *Essex* and *Trenton* regarding the monthly pay were actually spelled

out in the log book - an uncommon occurrence. The message spelled out: "Essex: permission to spread awning Flagship: Yes Flagship: How much money necessary to pay monthly money Essex: Monthly list \$2,289 on board \$1,950 Flagship: Send boat with papers Essex: What papers Flagship: Send boat for papers". On July 7, an Essex boat was sent to the Mistu Bitsu (incorrect - it is Bishi) lighter for some pork to provision the ship's stores. On July 8, USS Trenton canceled the routine drills of the day and ordered a boat be sent from Essex to the Flagship. In less than an hour, Lieut. M. R.S. MacKenzie (probably the first officer) was placed under arrest by order of the Commander in Chief - Admiral Davis. MacKenzie's general court martial was held on USS Enterprise from July 9-11; he was acquitted and returned to duty.\* Throughout the first half of July, USS Essex noted activities in the harbor: German corvette Iltes and a Yokohama mail steamer anchored, a Japanese corvette left the port, a Russian corvette was in the harbor, and three seamen board Essex, having traveled from the Yokohama Naval Hospital.

On July 12, Flagship USS Trenton left Nagasaki for Hong Kong and USS Essex followed her, passing Nagasaki Light as they departed. Along the way, Essex passed a German steamer - both ships dipped their colors, a Chinese gunboat, Ocksean, Dog Island, and Chapel Lights, and she sighted a Spanish man-of-war. Essex anchored in Amoy Harbor on July 18, taking bearings off Cornwallis and Cocher Rocks. Essex exchanged visits with the US Consul, corvette HMS Champion, and Spanish frigate Aragon to tender the usual courtesies. Essex also took on coal before leaving Amoy Harbor on July 19, passing Lamock Island, Cape of Good Hope, and Breaker Point Lights. Two days later she anchored in Hong Kong Harbor and took bearings from Victoria Peak and Killett Island. While anchored, Essex discharged six Asian crewmen "on account of the Chinese restriction act".\*\* and took on three crewmen who reported on board for duty after their transfer from iron gunboat USS Palos - along with 14 additional crewmen who reported for duty from Hong Kong. The American mail steamer City of New York and gunboat HMS Swift left harbor, American ship Southern Cross and three Chinese gunboats anchored in the harbor, and officers from the German gunboat Nautilus visited the ship.

On July 24, *Essex* prepared to leave Hong Kong Harbor for Singapore. Upon raising her starboard anchor, it was found to be fouled on its own anchor cable - three turns around the stock and one fluke. Once the crew straightened the cable, *Essex* left the harbor, passing the Samoan Islands on the way to Singapore. Two days later, Commander McCormick ordered the ship to stop in order to take soundings because of known navigation chart inaccuracies. During the first watch of July 29, the engineer on duty slowed the engine, causing *Essex* to fall into a trough of seas (which were moderate). Her helm refused to answer, and the engineer thought the ship had lost her rudder. Investigations showed everything in order and the patent log was hung overboard but it was caught in some tackle and lost its propeller. A different patent log was put overboard and the readings recorded. Later on, after the first patent log received a new propellor, it was deployed and pulled out again; the results of the two different logs were compared for accuracy. The next day, *Essex* passed a large British steamer and during the last watch of the day, the head of the fore topmast staysail carried away during a

moderate gale. Crewmen hauled down the sail and stowed it, and all hands were called to shorten the sail. On July 31, Commander McCormick found it impractical to make headway in the strong monsoon and strong current they were fighting; he ordered a change of course back to Hong Kong for safety.

On August 1, the crew replaced the fore-topsail and three days later, Essex passed Lamma Island. On August 5, she passed Green Island Light and headed toward Stonecutters Island, where she anchored. As a precaution, Commander McCormick ordered the port side sheet anchor be taken out of the hold and a chain be attached. Sheet anchors were only used in emergencies, as an extra anchor; apparently the Commander was expecting dangers weather. The next day, a liberty party was sent ashore and on the following day, the crew was busy cleaning the ship inside and out. For the remainder of August, the fore and main topsails and foresail were sent ashore for repairs and returned late in the month, the crew painted the berth deck, and more liberty was granted. Also, three Asian crewmen were discharged on own request, AWOL crewman returned aboard brought a \$10 reward for the local police, and AWOL crewmen who are absent for five days were declared deserters. On August 20, a heavy squall went through the anchorage; all hands were called to furl awnings, they sent down the topgallant masts, and battened down the ship. The Pacific Mail Steamship Company (based in New York) vessel the City of Tokio left Hong Kong while the mail steamer City of Peking - also owned by Pacific Mail) and another from the US anchored in the harbor. Essex exchanged signals with USS Palos when she came in from Canton. On August 30, Essex once again left Hong Kong Harbor for Singapore.

On September 3, 1884, *Essex* passed Cecir-de-mer Island off the coast of Vietnam and the next day, the ship's fore topmast staysail stay was carried away; it was repaired. On September 6, the crew spotted Pulo Aur and Hersburg Islands, and then sighed Singapore Light. As the ship moved toward Singapore, she passed several east-bound sailing vessels. *Essex* took anchor in Singapore Harbor, taking bearings taken off Peak Island and Fort Canning Light. The next day, *Essex* discharged ash into a lighter that had pulled alongside the ship. An officer called on the US Consul and the Consul reciprocated the visit. On September 8, the American bark *Victor* left harbor and for two days the crew prepared to go to sea. On September 10, *Essex* steamed out of Singapore Harbor bound for Batavia (Jakarta), Java; she passed two Dutch gunboats and stood through Rhio Straits. Along the way, *Essex* noted several islands and lighthouses, she dipped her colors with passing American ship. She anchored in the Strait of Banka for the night and on September 12, *Essex* passed several islands. The next day, she passed Thousand Islands and South Watcher Island, anchoring in Batavia Harbor, Java (Jakarta, Indonesia).

From September 13-15, Commander McCormick and his officers visited and received visitors from the Dutch iron hulled-turret ram Flagship *Konig der Nederlanden* and Dutch ironclad turret ram guardship *Prins Hendrik der Nederlanden.\*\*\** he also sent a boarding officer to American ships in port. A Dutch steamer left Batavia while the Flagship was dressed;\*\*\*\* *Essex* followed suit. Three loads of coal were loaded onto *Essex* from harbor lighters. At one point, she sent out her steam cutter to retrieve a lighter that had

came adrift from shore; the crew secured the boat to the stern to await a claimant. A Dutch steamer left the harbor and *Essex* steamed out of Batavia heading through the Sunda Strait for Mozambique, East Africa. On September 16, the crew practiced with the main guns and small arms, and the next day, the main topgallant yard was carried away due to a defect in the wood. On September 18-19, the main topsail sheets, fore topgallant sail, and topgallant yard for were repaired. Remarkably, on September 22, 1884, the *Essex* passed through large patches of floating pumice stone from the Krakatoa volcanic eruption of late August 1883. The crew were exercised in divisions with single sticks, great guns, small arms, and revolvers. On September 27, *Essex* lost her starboard topmast stunsail boom over board; the ship hoved to and recovered it.

In early October 1884, USS Essex was traveling westward toward Mozambique. The crew was adjusting sails depending on wind direction and force, and performed maintenance and ship cleaning. During the night and overnight watches on October 4 and 5, the crew noted a total lunar eclipse. Over the next few days, instructors practiced the apprentice boys in skills and chores and on October 8, Essex exchanged signals with a shore signal station. She anchored in Mozambigue Harbor and took bearings off the San Sebastian Flagstaff and the north end of a pier. For most of October, Essex remained in port and conducted maintenance and drills. The crew scrubbed the masts, yards, and sent down the main topgallant yard and re-hoisted it later in same watch after it was repaired. At one point, drills were suspended on account of the heat. Captain Crocker of the American barque Sarah Hobart came on board Essex to give testimony concerning the seizure of property by Portuguese authorities. Also, Commander McCormick sent three Essex lieutenants to hold survey on the American barque Sicilian and another officer was sent ashore for mail; none was found for Essex. The crew dressed Essex with the Portuguese flag at the main in honor of the Queen of Portugal's birthday.

Throughout the month, Commander McCormick and his officers received and reciprocated visits with the Governor of the Province and his Aid de Camp, Captain of the Port, German and English Consuls, and with officers of the Portuguese, French, and British ships in port. Castle Mail Packet Company (out of Cape Town, South Africa) coastal Steamer *Florence* left Mozambique and headed south, a Portuguese gunboat, French brig, and an English mail steamer left harbor, and the steamer *Oriental* anchored in the port. On October 24, the crew made preparations for sea and the next day, *Essex* left Mozambique for Cape Town, South Africa. She passed St. Georges Island Light and a Norwegian barkentine. On October 26, *Essex* experienced rough seas to the point where Commander McCormick ordered the ship to slow down to ease her. For the next four days, the crew conducted maintenance, cleaning, and drills, and on October 20 the ship passed a small steamer heading north.

In early November 1884, regular ship duties continued for the crew. On November 2, *Essex* passed a brigantine heading south and over the next two days, several lighthouses until Green Point Light was encountered. The ship hove to and waited at Green Point while the Captain of the Port boarded *Essex*; she then anchored in Cape Town Harbor, South Africa. On November 5, *Essex* up-anchored and entered the basin,

mooring at the dock. While moored, *Essex* was coaled and provisions were stowed on board the ship, and Lieut. M. R. S. MacKenzie was detached from the ship on the order of the Navy Department. On November 8, the ship's catamaran was discovered to have been lowered overnight and disappeared. As the ship remained in Cape Town, a large group of crewmen were punished for drunkenness and rewards were offered for the apprehension of 24 crewmen at \$2 a head; the local police collected a tidy sum for the return of many of the men. Commander McCormick received a visit from the Commanding Officer of HIGMS (His Imperial German Majesty's Ship) man-of-war *Moewe\*\*\*\*\*\**. Also, he left *Essex* to visit CO left the ship to pay an official visit to the Governor of Cape Colony and the US Consul. The log noted that a large Australian steamer and *Moewe* left the dock and went to sea, and an English mail steamer and another large steamer entered the harbor and docked. Early on November 10, *Essex* left her dock and anchored in the outer harbor. The next morning, *Essex* left Cape Town Harbor bound for New York.

While heading northward, the ship passed Robbin's Light, and the helm would repeatedly swinging the ship checking for compass deviation. The crew conducted general ship maintenance and cleaning. On November 20, the crew sighted St. Helena Island and anchored off the coast. Commander McCormick sent an officer to visit the American Consul and he made official visits, while the ship received a visit from the Governor's Aide de Camp. In the early morning of November 22, *Essex* left St. Helena, heading northward. For the rest of November, the crew painted the ship inside and out, and conducted target practice and drills.

On December 1, 1884, the USS Essex crew were put through fire, gun, and landing drills. Over the next 11 days, the crew sighted a barque headed east. a brigantine headed south, a barque headed southwest, a small barque headed west, and another barque on her starboard side; Essex hoisted her colors. On December 15, Essex spoke with English barque David of St. Johns, New Brunswick, and gave her the current longitude. David had hove to, waiting for Essex, thinking the ship was on fire due to seeing smoke, but not the smokestack. On December 18, Essex passed lighthouses in the Virgin Island and the next day, anchored in St. Thomas Harbor. The ship received a visit from the American Consul, she exchanged signals with gunboat USS Yantic, and her Commanding Officer made an official visit to Essex. On December 20, official visits continued and the next day, Essex departed St. Thomas Harbor, passing a schooner that was headed southeast. On December 22, the engineer topped the engine to repair a valve on the condenser and a barque was sighed heading west. On December 24 and 25, the Essex crew sighted a large English steamer headed northeast and passed a small barque headed northwest. Between December 26 and 28, the crew replaced the torn main trysail, the ship passed several pieces of floating timber and a barque heading northwest. Nearing New York, the crew began casting lead for soundings and spoke with New York Pilot Boat No. 17. Essex anchored off Sandy Hook, with bearings taken off Sandy Hook Light and the 'end of point'. Fog moved in and while the ship waited for the weather to clear, the crew was ringing the fog bell. The crew also continued painting the outside of the ship. On December 30, Essex raised anchor and stood up New York Bay. The Health Officer came onboard and Essex anchored, exchanging signals with

US Receiving Ship *Vermont. Essex* then moored 300 yards from *Vermont* at the New York Navy Yard. Commander McCormick left his ship for official visits and the next day, McCormick and his officers went ashore to receive the new Commandant of the Yard.

On January 2, 1885, the Board of Inspection with Commodore De Kraft, came on board Essex and commenced a general inspection of the ship, and she exchanged signals with Vermont. Over the next 10 days, the Essex crew set to taking the ship out of commission. Her ammunition was unloaded and then she was moved to the Ordnance Wharf with assistance from the Navy Yard tug. Once there, the crew hoisted out the ship's battery, and then the Navy tug moved Essex to the Northwest end of the Yard. Her spars and rigging were put on the dock, stores were taken out and sent ashore, the ship was ship was stripped, the coal taken out of the hoppers and put on shore, ; and remaining provisions were transported to Naval storehouses. Essex's boats were hauled out and the boiler fires were hauled - extinguished. Three crewmen were dishonorably discharged, five crewmen were transferred to the Navy Hospital, two crewmen were confined for trying to leave the Navy Yard and men were transferred to US Receiving Ship Vermont. The Pay Master paid the ship's apprentices and gave them 30 days leave. Upon their return, they were to report to frigate USS Minnesota. The rest of the ship's company were paid, and they were given 10 days leave. Upon their return, they were to report to the USRS Vermont for examination for discharge. On the morning of January 15, the Captain of the Yard inspected USS Essex and the vessel was put out of commission with the customary ceremonies.

\*MHM has not been able to ascertain why Lieut. MacKenzie underwent a court martial.

\*\*The Chinese Restriction Act, as an addendum of the Chinese Exclusion Act of 1882, was a law that applied to Chinese immigrants to the US, not those who served on naval vessels in a foreign country and therefore did not apply to USS Essex.

\*\*\*The Dutch ships are called the *Leipsic* and *Prince Frederic II* in the log book. However, there are no Dutch ships with those names and the Flagship in September 1884 was HNLMS *Konig der Nederlanden* and the guardship on duty was HNLMS *Prins Hendrik der Nederlanden*. Further, the German ship *Leipzig* was assigned to the German East Asia Squadron in 1884 but was sent back to Germany that year. In September 1884, she was off the coast of Cameroon, not at Batavia.

\*\*\*\*The log book states the Dutch Flagship and *Essex* dressed in honor of the birthday of 'Princess Henrique of the Netherlands'. However, there was no princess of that name; MHM suggests the *Essex* crew and the Dutch crews had a communication problem.

\*\*\*\*\*\*Moewe participated in an aggressive German act, beginning in August 1884, against the Africans of the Gold Coast who had a treaty with Great Britain.

#### Tags:

American Ships: mail steamer *City of Peking*, mail steamer *City of Tokio*, sloop-of-war Flagship USS *Enterprise*, sloop-of-war USS *Essex*, sloop-of-war USS *Juniata*, frigate USS *Minnesota*, iron gunboat USS *Palos*, barque *Sarah Hobart*, barque *Sicilian*, ship *Southern Cross*, corvette Flagship USS *Trenton*, USRS *Vermont* 

British Ships: corvette HMS Champion, gunboat HMS Swift

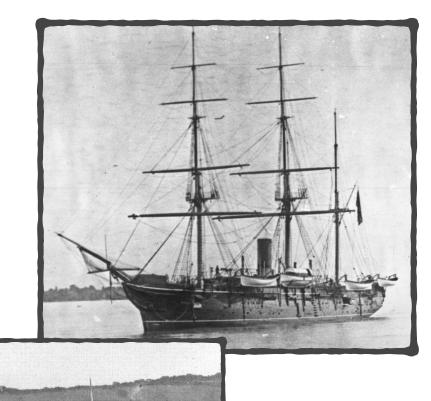
Dutch Ships: iron hulled-turret ram Flagship HNLMS *Konig der Nederlanden*, ironclad turret ram guardship HNLMS *Prins Hendrik der Nederlanden* 

German Ships: gunboat *Iltes*, man-of-war *Moewe*, gunboat *Nautilus* 

South African Ship: coastal steamer Florence

Unknown Country: steamer Oriental

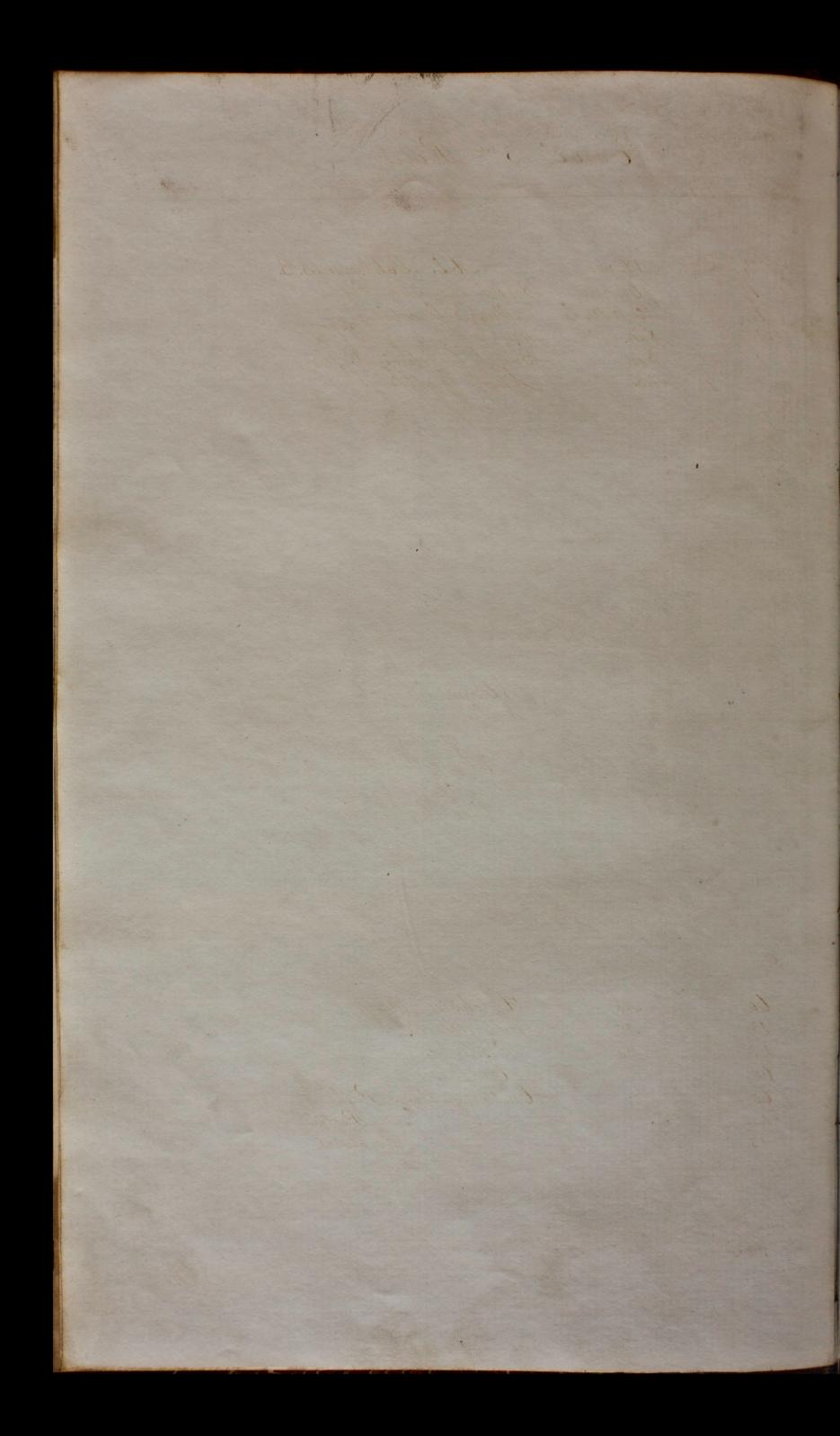




**Florence** 

**HMS** Champion





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	Wat	ter rema	ining on hand fit fo	or use at Noon									870			Carle Service
	Coal	l consun	ned during the prec	eding 24 hours								to	ns 4	00	lbs.	
			ning on hand at No										22		0.000	
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4		*11	"	"	2		2986	70	71	69			Winil		"	
5		0	ME	686	2		29.53	70	72	70		"	,	2	"	
6		+	1	,	2		2983	74	72	71		, ,	"	1	"	
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	Lon	gitude l	by Chronometer fro	m Afternoon Obser	rvation	8 0								,	"	
	Lon	gitude l	by Chronometer from	m Observations			*							,	"	March March

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

under the command of Government of Hollow Connects), U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Tommences and until 1+ NOMO. Cloudy Light driggling wain. Light brigg from PH. Aneroid 30.02. Tigned Vinnwight Hellogg Lient 4 to s ch. M. Overcast, foggy, withrain first two hours. Light tomodrate berge from It fallingealind last hour. At 7.30 Hugship made general miliform signal sto 7 Flagship made general signal son Sugned Googs Green benometre 30.03

Tigned C.O. Bither Ensign S. M. No Meridian . Overcast cloudy, foggy, and rainy . Moderate bury from Phys. At s. of Flagship made general signal 1804, with minhals 10 1.16 and 2nd and 3rd inst this was immediately followed by telegraphic signals, 2989. 09 xx. 898. 945. 6692. 9318. 5825. 6839. and 9225. At 10 " Alert got underway, hoisted quand flag. By order of Coundy Officer Freist Will Carkers, was released from suspension and restured to duty, also by same authority Kenry Kern (1clos) was given eight days estra duty for impulcience to Origineer Officer of with lead Admiral John Lee Davis with his staff, paid an official visit to the ship and was received with rustimany honors. Received from W.S.S. Jinieta, 2100 ball cartridges (bal. 38) + 3 Rennington violoris, contridge boars and frage, with spain parts of revolveres. Aneroid burometro 29,99. Tigned Mollo Trivia Lient Meridian to H P.M. Cloudy Thequest thravy showns of rand Tresh breeze from FW. first hour of watch, light and variable the remainder of water At 12 20 Hlugship made telegraphic signal 4904.8356. 7672. 9409. 6179. 4578. Got sheet undow on bow and Sout sheet chain hansferred Frank H. Whitney (Od 44) to W.S. S. Enterprise, and received Lincoln me Gre (Las.) from same vissel. Aneroid 30.22. Tigned Mainwight Kellogg Lieut H los V.M. Cloudy but pleasant Light breeze from 686. hauling gradually to North. Mustered at quarters at the At 712 of lagship made signal, general, 6140. Sent down topgallant and royal yards and topgallout master blear house. Aneroid baremeter 36.02 Tryned Woll hain freit 8 . M to Widingalor. oudy Light variable airs and calma, Aneroid 60.02 Figured Vainwight Sellogg Lieit roullmid Examined and found to be correct. 0.18'18'46" N. M. N. Park use New moon Lieuh X Navigator.

Longitude by Chronometer from Afternoon Observations  $\odot$ 

observed at Sunset

Longitude by Chronometer from Observations Variation of the Compass by Amplitude

Variation of the Compass by

		-				-	1	(	00,	a	qu	sa	ki)	Capi	m	1.	
-					WINDS.			BAROME	TER.	TEM	PERAT	URE.			4 4		
	Hour.	Knots.	ms.	Courses steered.			ay.	77.79	-		Air	Water	State of the Weather. by symbols.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
			Fathoms.		Direction.	Force.	Leeway	Height in inches.	att'd.	Air Dry Bulb,	Wet Bulb.	at surface.	9,4		Prop Sky.		
	A. M.																The second second
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					-								-	-			M. said and A.
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				by D. R. at Noon				-					well			"	
				Observations at N	oon O								and the		1	"	A lot all to
				by Chronometer fro		vations	s 0						and the same	1.00	3	"	The said was
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				aining on hand fit fo										6	10	"	
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under the command of Communical NE My Commels , U. S. Navy, 1884. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Jonners and until AMO Overcastrand cloudy until passing shours Galminthe light wire from North last how Baronetre steady. Ohneroid 30.02. Signed WE. Mouin Brisign.

Ho & Ol. M. Orwast cloudy and rainy. Light airs from
North and calms. At 7 20 Flagship made thess signal "Selblue".

Theroid barons Tre 30.005.

Signed Moll. Train Light. Gondy Oficer Lieut Mackenzie Kellogg und Roher left ship to serve on General Court martial bu bourt Juniata Kneroid baroneter 3 as, Sighed M.C. Mein Grisign Meridian to 4 PM. Weather overcast und rainy first shalf of watch, partly clear latter half. Barometer steady. Aneroid at Tigued 6. P. Reese Lieut barounder. At 6. 30 shortened and furled sail At 6 42 made July 4561. Hagship answered got Horsten smokerstack at 700 stuted fires under hos I and 3 for distilling Ameroid at end of watch son Figured M.C. P. Main Onsign. 8 1.000 to Midnight. Weather clear and pleasant Light variable airs and calms. Barometro steady. Began distilling at 10 20 Ameroid barometre at end of watch 30.22. grant of the let were oon bound Examined and found to be correct. ec. 16 31 04 N. Pease. New moon. Leich X Navigator

LOG of the United States Hearner Osser, Grank Rate, & Guns,

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				WINDS.			BAROME	TER.	TEM	PERAT	TRE.	State of the	Forms of	Clear othe.	State	
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	Dist	ance ru	m by Log since pre-	ceding Noon				1					knots	fath	oms.	Jane Jane
	Latit	tude by	D. R. at Noon												18.7	Jan Jan
	Long	ritude l	by D. R. at Noon											,	. 11	
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			ining on hand fit for										2000		4	
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	Lon	gitude	by Chronometer fro	om Afternoon Obser	vation	ns O								,	-	
	Lon	gitude	by Chronometer fro	om Observations			*								"	

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

under the command Sunnander A HOMO Connicks , U. S. Navy, Mednesday June 205 the , 1884. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communestandinitil # A.M. Clear first hour, there incast and cloudy. Light wirs from & and ANE. Aneroid barometer at end of watch 30.00 Distilling. H to 8 01.016. Fair and pleasant. Light Mr & airs Barometer steady At 7 & Hagship made chess signals. At 820. no worsed topgallow and royal hands and loved sail to a fortine. Aneroid barouthe 3018 Signed NEV. Min Onsign. 8 M. to Meridian. Weather partly doudy and warm. Light variable airs and calms. Barometer using. The General Court martine on board the Juniala convendat 9 20. Mustered at quarters at 9 30. It gothe Glagship made signed nowgow. Rechiced sail and existed until 11. 20, at sending down light yards, budging light sails crossing light yards, making and filling sail and relfing topsails, finished exercise, and all plain sail made, except Mainsall, and Franker. At 11. vo the Flagship fried a salute of 11 guns with Japanese flag at the fore, in honor of the Japanese Commoclore. Anderoid at end of watch 30.30.
Signed 6. C. Resse Lieut.
Meridian to H J.M. Cloudy and pleasant. Light airs from FW. At 2 sent Guard Boot to Hagship At 3 a Hagship made general signal 2026. Fent officer to Fleigship with signal books in obedience to said signal. At 320 of lugship made feneral signail 4826. showtened and furled sail, and sent down topgallant and royal yands and unbent light sails. Aneroid burometer at end of watch 36.19. At 1 " stopped distilling Enlisted for cruise as Lds. Hayashi Kajiw. Figued R.O. Biller Oprsign. Hto 8 C.M. Cloudy and pleasant. Light airs from IN. Baron-elevising. Mustered at quarters at 440. Distilling America at end of watch 30.20. Figured C. V. Reese Lieut 8 V. M. to Midnight. Cloudy first hour cleaning latter part of watch Lightning. Calm and light variable airs Distilling Aneroid baronater 30.20. Ligned F.O. Giller Onsign. Cowlined Examined and found to be correct. w. 13° 44' 00" N There. New moore

Longitude by Chronometer from Afternoon Observations ⊙	,	"
Longitude by Chronometer from Observations *		"
Variation of the Compass by Amplitude observed at Sunset	,	"
Variation of the Compass by	,	"

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Mid.

under the command of Grunninder & Hollo Commicks , U. S. Navy, , 188%. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until + A. M. Clear and pleasant Light and from Noby 6. to NE. Tropped distilling at 2 of Mercial burenetro 3020.

Figured Mol Suin Freid Frank Country with light driggling rain. Barountro rising Amercial buroweter 50.22. rising Aneroice benometer 30.22. Signed E. P. Reese Lient. 8 S. M. to Mericlian Ornast and rainy Light breeze from 8NG. At 930 mustered at quarters. At 900 Helagship made general signal 3318. Carcised 1.2. + 3 divisione with revolvers, and 3 division at Gatling gim. Marine division with 3 wrifle. At & to handed fries, and lowered smokestack. A neroice barometer 30.20. Meridian to H PM. Overeust and cloudy with light rain, partly clearing latter part. Gentle breeze from East with occasional puffer. Aneloid barowstre 30.16. Tigned Well Truin Lieut. 4 to 8 P.M. Cloudy with driggling rate first Two hours. Light airs from Grast and NE. At semistered at quarters. At 6 20 Flagship made signal 1087. Tent a bout in obedience to signal. Hervid on board from Hagship Alped B. Rice (Tea Wwith bug, hammock and necessary papers, he having been sentenced by General Court-martial to be confined in such vissel as Condi in Chief should designate and to solitary confinement on bread and water, for the period of 30 days with full rations every fifthe day, to loose Three mouths pay, and at expiration of confinement tolbereduced toruting of O. which sentence was lapproved by bounde in Chief and to be carried into effect in bound This ship America barowsto at end of watth 30.08. 8 P.M. to Midnight. Weather clearing Calm. Baronethe fulling Ameroid baronethe 30.06.
Signed Woll. Frain Leid wow bried Examined and found to be correct. ec. 10 "13" 42" N. use New moon.

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					WINDS.			BAROME	TER.	TEMI	PERATU	JRE.	State of the Weather.	Forms of	of Clear in 10ths.	State	Record of the sail the vessel is under at end of watch.
	Hour.	Knots.	Fathoms,	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet	Water	by symbols.	Forms of Clouds, by symbols.	op of a.y. in	of the Sea.	at end of watch.
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	A. M.																
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		Latit	ude by	D. R. at Noon									1.50		1	"	the second
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			-	Observations at N												-	
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Longitude by Chronometer from Afternoon Observations ⊙

observed at Sunset

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude

Variation of the Compass by

under the command of Junnander A Holle Commich , U. S. Navy, Fine 27th , 1854. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences hand until of A.M. Clear and pleasant. Light variable airs. Aneroid barounter 30.02 4 to 8 A.M. Elondy Light NA E airs. At y & Hagship made uniform signal and at you general signals 644 come sites the latter from which we were excused. Aneroise barounter 2990. 8 A.M. to Meridian Cloudy with occasional showers Light ains from NNE to N. At 500 Hlagship made telegraphic signals 0955.5815. 0088. 945.6692. and 9318. Oft 9 20 (Rear Hornival) John Lee Davis with his staff, came on board to inspect the ship, and werd received with customary honors. All hands being at quarters, the ship and con wir unspected, followed by divisional drill, and away all bouts arrived and equipped Cleared ship for action, followed by general quarters, with the usual exercises, dismounting, transporting broadside gun priooling rifled guns &c. Secured and write to fire quarters. Completed exercises at 12 Oclock. Aneroid baronetro 29.99. Figured Mello Train Line Meridian to 4 P.M. Cloudy Light shown Sofrain Light airs from North. At 1.30 Rear Mountal Davis left the ships Aneroid baronster 29.88 Hos P.M. Cloudy. Pleasant Light airs from A to I the Mustred at quarters at 4 2 America barounder 29.88.

SPM to Midnight. Clear and pleasant Light airs from Mr. America barounder 29.88.

Not America barounder 29.88. Tigned Namwight Sellogg Lient Examined and found to be correct. . 6'17'22" N

use New moore.

Longitude by Chronometer from Observations

observed at Sunset

at

Variation of the Compass by Amplitude

Variation of the Compass by

WINDS. BAROMETER, TEMPERATURE. \$ 5 4															
			WINDS.			BAROME	TER.	TEM	PERATU	TRE.			lear ths.	Ctata	
Hour. Kn	Fathorns.	Courses steered.	Direction.	Force.	Leewny.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vess at end of watch
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Latitude by Observations at Noon ©														and Some	
Longitude by Chronometer from Forenoon Observations ©														Light	
Cu	irrent d	uring the time	knots fo	ms. pe	er ho		to th	ne	1/2	0	3 3		1	"	and fire
Cu	ariation	of the Compass by	knots fr Amplitude ⊙ observ	ms. po	Sun		to th	ne	100	2	3		1		Medicine !
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under the command of Juniander H. H. Commicks.

Saturday June 28 th , U. S. Navy, , 185% RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and with + Cl. M. Frair and pleasant. Calm to light airs from North Ready baroneter . Aneroid baronetes 2986. Tigned N.E. P.M. wir Onsign. 4 to 8 S. M. Pleasant wrather Light airs from ME to Not & and calms . Ot 7 30 Plagship made usual aress signals and at 7 50 general signal 5456. Lowed sail to a bowline Chreroid baronetro 29.88 Ligned W. M. Shwin Lieut 8 A.M. toll Jeridian. Clearand warm. Light variable airs. At 9.30 mustered at quarters. Ameroid barometer 29.89. Signed Mainwight Hellogg Lieut Meridian to 4 PM. Fair and pleasant Light Why Furnds Barowstrusteady. At 133 shortened sail with Hlagship and firled at 3 vallet 3 25 made wiguing signal to Ragship In general is Jack to be horsted under paragraph 12 Signadion Regulations, when awnings are tried up Hagship unsurred yes Aneroid burnster 29.88. Tigned W. C. Monin Ensign to Not E. Mustered at quarters at 4 th Ameroil burnets 29.90. Figured Wainwright Kellogg Lieut 8 PM toMidnight Frair and pleasant Light but airs. Figured M. G. C. Myris Onsign Examined and found to be correct. . 2'10' 35 A as New Moon.

	"	"	/	2983 7473 69	"	"	6	"
Longitude l	by Chronometer fo	rom Afternoon Obs	ervations	0			,	"
Longitude l	by Chronometer fo	rom Observations		*			,	"
Variation o	f the Compass by	Amplitude ob	served at	Sunset			,	"
Wat it	14.0						1	

11 Mid. under the command of Francisco ARMOC Connicks, June 29 th, 1884

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ham. Weather glear and pleasant Lightours from A. It to A.E. Garometer steady. Americal barometer 2998. Il to 8 a.M. Cloudy Hazy Called, Chrevid barometer 29.99. 8 a M to Meridian Cloudy and pleasant, Calm to light It. S. Hairs Barometer rising slowly, at 9, 30 galled all hands to Ameter and read General Court martial orders in gases of Ensegu Walten shows and Seamon Suce, I lagehip made wigway signal Howlong has drummer to serve" Ausod" 13 months " I studohip signalled How much sea service has he put in, "Ous." Marly 3 years & Ameroid 30.00 Miridian to 11 P.M. Weather glear and pleasant, Light bruge from It S. W. Barometer steady. The flagship signalled by Weyers Code "Thave noticed that the bells of your ship have been druck before the flagship in all small drill."
Thave noticed that the wells of your ship have been druck before the flagship in all small drill."
Thavid b arometer 29.99.

Light Rarl Cohres. Lieut 168. P. M. bloudy and pleasant, Light H.S. W. winds Steady barometer, at 6 th S. Truston game in and made her numbers Made our numbers after flagship, Trentow made signal 5573. Glagship made general signal 1308. which was answered by Transon and this vessel, Sunton anchored at 6.45. Flugshipmade Jerural signal 5573. Auswered by Trenton and this vessel, Ameroid 30.00 8 G. M. to Midnight, Weather clear and pleasant Lightbruge from It S. M. Garomette steady. Ameroid barometer 30.02.

Conland Examined and found to be correct. Le 1° 54' 41" S. Chase, New moon

Fint & Navigator.

Variation of the Compass by

Steamer Essex. Nagasaki. Japan.

, 3d Rate, 6 Guns,

			WINDS. BAROMETER, TEMPERATURE. 18 18 18 18 18 18 18 18 18 18 18 18 18														
i					WINDS.	4	1	BAROME	TER.	TEM	PERATI	URE.			ear 18.		
	Hour.	Knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.		Air Dry Bulb.		Water	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vesse at end of watch.
	A. M.		4				7				-		-,	0'		,	
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	Distance run by Log since preceding Noon knots fathoms.																
				D. R. at Noon by D. R. at Noon											,	"	
				Observations at N	oon ⊙											"	
				by Chronometer from				ur, setting	to th					•	,	"	
				ring the time f the Compass by					3 10 11	16				•	,	"	
				f the Compass by I		ed at									,	"	
		Wate		nded during the pr	during the pr	ecedin	g 24	hours						300		llons.	
				aining on hand fit f										1550	,	"	435
				med during the pre									111	ons H	70	lbs.	
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	11 Ma	"		"	"	3.5	1000	29.78	17	20	74	1	"	"	0		
	Mid.	"	1	"	"	3-5	-	14.71	76	10	74		,	"	0	"	
				by Chronometer fr		ervatio	ns ⊙								,	"	1
				by Chronometer from the Compass by		served	at Su	* nset							,	"	
						1	-	-							1		

, U. S. Navy,

, 18811.

Lecel & Navigator

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ha. M. Oteather Clear and pleasant, Lightains brown I, and He, Garonseter steady. Onevoid 30.10.

Lot alle bloudy but pleasant balanto light S. S. Hairs Baronites rising clowly. At 7. 30 flagship made dress signals. Oneroid baries of Signed of B. P. Minir. Ensigned all to Meridian, Heather cloudy. Light passing showers of sain in latter part of watch. Alg. 30 publishered palquarters and drilled gundivisions in sevolver will, at 10.25 hoisted out steam gulles. at 10.50 the admiral left the Enterprise she paluting his flag with 13 gues as it was haveled down. The Trustow paluted his flag with 13 guns as they broke it upon his arrival on board. The Trulow saluted the Churce flag with of guns, averoid barometer 30.02. John a Coban 100pp) was given the days in double from from 5 per until say by order! of Captain for absence without leave, 6 I. barr. (Os) was given eight hours extra duty by order of baptain for carelessuess in streting these Signed Hayl Cohner. Legul-Meridian to 11 P.M. Weather cloudy and pleasant, Gentle bruge from ESE. Daroweter Steady. Transferred John Sullivan! P.M. 1 to Juniata and b. Judge 2 CF. I and Um Nown, Lamplighter! to U.S. S. Enterprise. at 200 the Trenton find a salute of James with the american flag at the fore in honor of the amcrican Consul, at 3" the Japanese man of war find a salute of 7 guns with the American flag at the fore in honor of the American bousel. By order of Communicating Office placed bes. It. Jordan, It's under centres charge to await investigation for insubordination, Americal aludo junto 30.28.

Signed 6. P. Rus. Leut 4 to 8. Overcast and rang. Brus light to moderate in equalls from S. E to S. S. M. Garoweter falling. Hoisted steam cutter, Truitor made signal after sunset send down royal exards." Sent down royal yards. Place of John a Coban ( Capp.) in double know at 5 few, in accordance with Captains, ordered his case, Securid from Enterprise the following men, gal lo. Colly Oszel) A J. M. Farland, Os, gal Johnson, Ids, Tho! Verry Eds) b. P. Thouseon, Oszal, C. W. Barckley. Os. 201. I Thomas born. Os 2 lel.) and Edw b. Verry Os 201) aneroid barometer 29.90. Signed, Karl achrer, Duest 8 9. M to Midnight. Weather overcast Equally and rainy. Barometer falling. Ameroid at end of watch 29.88.

Legned. 6. P. Rus. Lind www.Louid Examined and found to be correct. e 5°118'38" 8.

have, First quarter

Variation of the Compass by

Steamer Essex". Nagasaki, Japan,

WINDS. BAROMETER. TEMPERATURE.																
				WINDS.			BAROME	TER.	TEM	PERAT	URE.			ear hs.		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
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A. M.		,	1121	1101			00-1	1				ocqd	Cum Red	-	1	
	ore	a	S. S. M	D. D. 11	2-5		29.71	/	70	74		ocqa	prints	0	0	
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10	-				2		29.75	Tays	72	173		,		0	,	1
11					2		20-13	1-16	711	73		,		0	,	
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Noon	"		,	*	1		24.70	10	14	10		,	,	1		
-																
	Dista	nce ru	n by Log since pre	ceding Noon									knots	fatl	noms.	
	Latitu	de by	D. R. at Noon										•	-	"	
	Longi	tude l	by D. R. at Noon										•	,	"	
	Latitu	de by	Observations at N	oon O									•		"	
			y Chronometer fro		rvation	s O								,	"	
			ring the time				ur, setting	to th	10							
					200									.,	"	
-			f the Compass by			t Sun	rise							,	"	
			f the Compass by I		ed at								4			
	Water	expe	nded during the pr	ecceding 24 hours									300	ga	llons.	
	Wate	-		during the pr	ecedin	g 24	hours								"	
	Wate	r rem	aining on hand fit f	for use at Noon									1250		"	1
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	Coal	remai	ning on hand at No	oon								110	" 199	0	"	
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P. M					1											
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3	"	-	"	"	1	1	24.98	74	70	74	1	oc	"	0	"	
4	"	100	,	,	/		29.98	78	75	74	4	"	"	0	"	
5	"	100		"	1	1	29.48	76	74	73		"	"	0	"	
6	"		"	"	1		29.7	176	74	73		"	,	0	"	
7	"		"	,	1		29.7	196	74	73		oed	3.	0	"	
8	"			,	1		2000	46	7/1	7,3		ocr	"	0	"	
9	1		821/24	82491	1		2001	/	Variation of	1-13		be	Cuns			
	"		011111	NITI . TI	1		200	78	10	100			arain		-	
10		1	I'M	101			29.81	73.	10	10	1	och	"	0	,	
11	"	-	5,14.	D. W.	2	100	29.81	70	70	73	-			0	1	
Mid.	"		- "	"	2		29.11	70	75	73	-	"	,	0	"	
	-	-		-				1	-	1	-				_	
	Long	itude	by Chronometer fr	om Afternoon Obs	ervatio	ns 🗿									"	
	Long	itude	by Chronometer fr	om Observations			*								"	
			of the Compass by		erved	at Sn	nset								"	The second second
																No. of Concession, Name of Street, or other Designation, Name of Street, Name

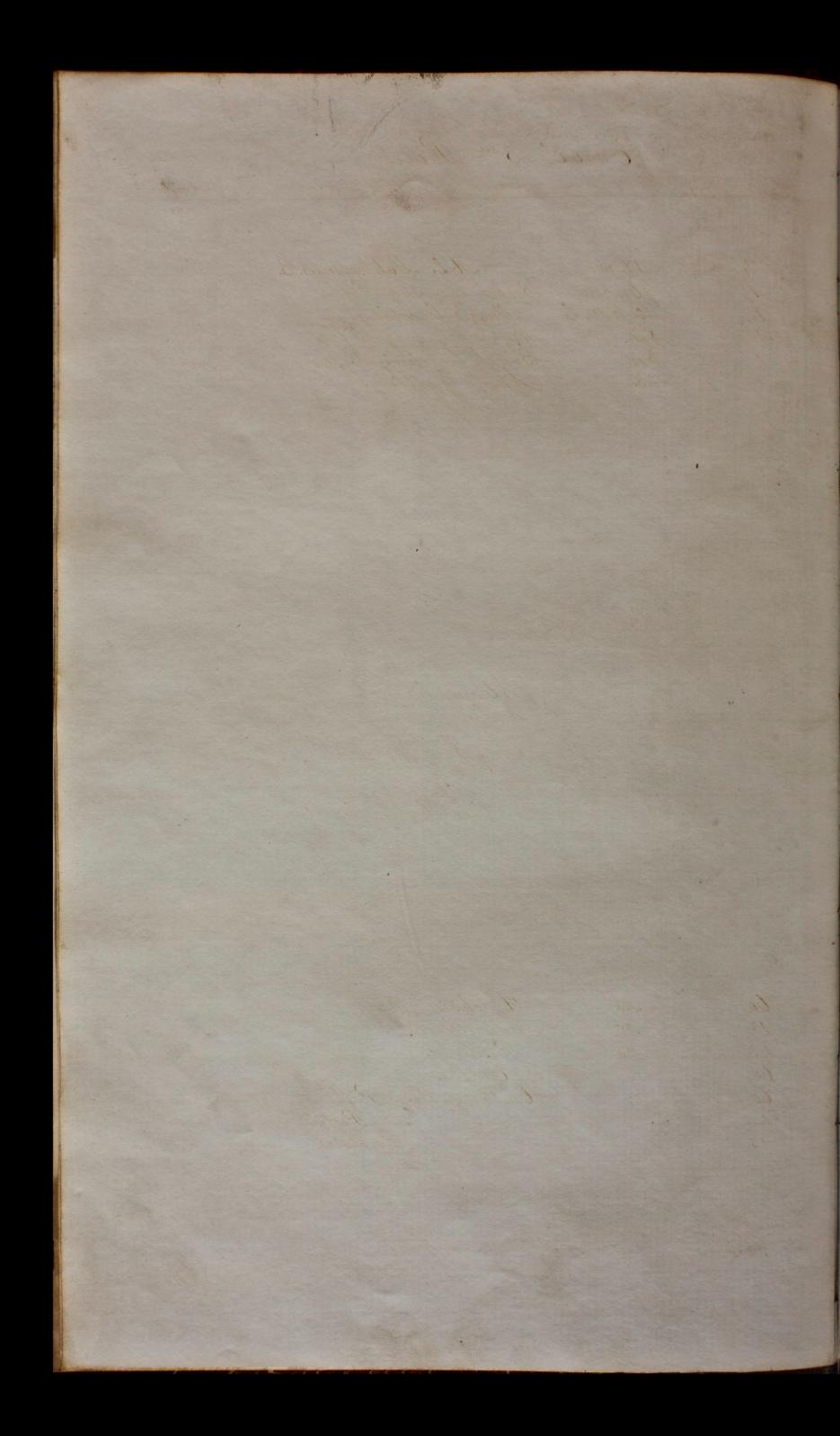
RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

, 1884.

Comme 36 S. S. Essex. 3d Plate qually from S. S. W. an Nagasaki. Japan. Jun 30. 1884 Ensign 4 to 8. a. rometer Com di a Ho. M. Cornick US A. rising she der of bap. Tain place Commanding - released John C. C. eroud Sir: He recommend the following named barowell Link Ord Sea, app. be rated Seamen: -Pa. Into 18.91. Sarome John Clunic, It . Dains and George Eds) Mich! S e, alg.28 the flag. Billinger Very respectfully 945, 6692 9348. 952 celly. Ids. Sgd. Hanwinght Kellvogg. Timb Sgd. Karl. Pohrer ", Caaming Board, Board and It! & bud placed, is apprehension, law, Lds, wasfile . Sukichi J'ukui, nueles 29.96 Lieut Meridia 1. airs. J. J. M. Fadden, Seal M. a. Mahoney (Cake, a. M. Kitchen, O) J. J. Elwell, Seal & G. Heidenger (Drum) and Jacob Walhiser, Pot) were transferred to Chis bussel from Juniala and John Deurance Os! Path Mahorey. OS and Rosario Burson OS' from U.S.S. Trenton. Condis a. 36. M. Cornices and Leut M. a.S. Mackingio left the ship on survey duty on board the Enterprise, aneroid baronseter 29.911 4 to 8. P. M. Weather overcast with light driggling vain. Barometer steady. Light airs from S. It. Mustered at quarters at 1.45. Ot 6.05 flagship made signal 20 6143. All 6.10 Reul down topgallant yards. Sy order of boundig Officer released John Flaherty 1 Ct. 1 M. Rilly Eds) H. A. Lavelle Poly and Robs b. Marett. Of from Confinement averoid attend of watch 30.00. 8 9. In to Midnight, Overcast and cloudy, Light airs to lightbruge from S. Why W to S. W. Ameroid baronseter 30.00! Puc from USS. Juniata 16 Cennington occolvers, with gartridge boses, frogo and spare parts for lame, also 430 ball cartridges, Gal 38. a. O Bitter, Ensign Signed,

toon louid Examined and found to be correct. Dec. 9" 28' 33" S. hase . I Quarter

Livet & Navigator.



S. Navy, under the c Donnences and until 11. a M. Overcast with diggling rain, Squally from S. S. H. Ameroid barounter at end of watch 29.89.

Light Bruge from Surger & Busique 4 to 8. a. Mr. Weather overcast and rainy. Light bruge from S. M. Barounter rising slowly. aby 30 flagship made signal for dress. "All blue" Syorder of bap. tain placed O. b. Marett. (OS) in double Irons for safe Keeping and at 50 released to how Q. boban, I capp) at 7.55 flagship made signal 6,44. Auserd. Ameroid barometer 29.93. 8a. In to Meridian, Weather overcast and rainy Light airs from S. M. Daronseter steady, Mustered at quarters at 9.30. Found M. Rilly . Ids) Mich Sullwar 109 in and M. A. Lavelle, Got absent without lave, alg.25 the flagship made telegraphic signal 29.90. 0935. 898. 91. 5. 19.19.5. 24.945, 6692 9348. 9520 and at 9. 40. 855, 3550. 90/2, John Flaherty (184.) Matthews Rielly, Ids. and It " A. Lavelle, Sot were brought on board by police authorities bud placed in double irons. a seward of \$1000, each, was paid for their appreherseion and delivery, Injorder of Commanding Officer, Geo St. Jordan Sds, was placed in double wous for five days for disobed ence of orders. Seitechi Futhi was shipped as land eman for special service. Ameroid barometes 2996 Signed. O. Pers. Tient Meridian to 11 P.M. Overcast with pain first two hours. Light S. M. airs. J. J. M. Faddew, Seal M. a. Mahorrey, 10 app. a. M. Kitchen, Os ) J. S. Elwell, Seal J. J. Heidenger Orum) and Jacob Walhiser. Pott were transferred to this bessel from Juriata and John Ourrance OSI Patt Mahorey. OS and Closario Ourson OS' from U.S.S. Trenton. Condis a. 36. M. Cornick and Leut M. a.S. Mackinger left the ship on survey duty on board the Enterprise, Oneroid barometer 29.911 a. O. Bitter. Ensigns Signed. 11 to 8. J. M. Weather overcast with light driggling rain. Barometer steady. Light airs from S. H. Mustered at quarters at 1.45. Ol 6.05 flagship made signal We 6:43. All 6.10 Revel down top gallant yards. Sy order of bounding Office villased John Flaherty 104! M. Rilly (Ids) H. A. Lavelle Pol) and Robe b. Marett. Or from Confinement Ameroid attend of watch 30.00.

8 G. M to Midnight, Overcast and cloudy. Light airs to light bruge from S. Why It to S. M. Ameroid baronseter 30.00! Pre from USS. Juniates 86 Permington revolvers, with cartridge bosses. frogs and spare parts for hame, also 1430 ball partridges. Gal 38. Signed, A.O Bitter, Ensign Novulanid Examined and found to be correct. Phase I Quarter Myrandas Livet & Navigator.

Augusaki. Japan, BAROMETER. State of the Weather, by symbols. State-of the Sea. Water Direction. Fath A. M. 0 29.84757472 29.812 76 74 2 0 0 0 3 0 4 0 29.82 75 0 2 0 6 29.81/12/10 7 0 2 9 29.80 7472 70 3 29.80 7472 70 10 70 73 70 11 0 Noon. Distance run by Log since preceding Noon knots fathoms. Latitude by D. R. at Noon Longitude by D. R. at Noon Latitude by Observations at Noon O Longitude by Chronometer from Forenoon Observations O Current during the time knots fms. per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours gallons. Water during the preceding 24 hours Water remaining on hand fit for use at Noon tons 820 Coal consumed during the preceding 24 hours 110 " 1150 Coal remaining on hand at Noon P. M. 2 29,83 46 73 70 ocd 2 2 7573 0 2 3 0 2 4 0 2 5 0 2 0 CVX6. 2 2 7 4472 69 bo

Longitude by Chronometer from Afternoon Observations ©	•	,	"
Longitude by Chronometer from Observations *		,	"
Variation of the Compass by Amplitude observed at Sunset		,	"
Variation of the Compass by at		1	"

29,02 75 72

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11 Mid.

6	and until 1	an G	Queno and a	· dal	1	1-11-6-6	,
bounences, watch balu	v anirvid	barome	ten 30.01.	no givici	ry rung e	acces pare of	7
water, quin	, concurre		Siamed	U. M.d.	nivino.	Lin	
1168. a.M.	Weather ou	ereast.	Lisht air	s home of	Vand &d	Barometer	Stead
a Germano	naw of war	Came in	Jand and	hored at	6.30, alty 5	o Slagship m	ad
Rignal 5462							
bowline. a	nervid at er	ud of do	tel 30.09.	Frank	Paris Sea	I while exerc	cisiu
aloft in the	une of do ty	tell from	main to	to to full	ock shrow	ds and wa	zs /
lowered to a	teckin an	insense	He Gondi	tion.	00		
lowered to a 8 a Me		1	Sign	ed.	4.0.1	ers. Lee	ub
8 Ch XII to XIIe	ridian. a	loudy	with legi	ht north	erly airs.	abg. 15 ma	de
general Rig	nal 32117	for G. C	. M. to Co	uverse o	w board	tris vessel.	at
geo 86.1.	of which	Commi	ander M	- Corne	clo was O	resident 4	Pon-
build on bo	vard, fired	agun	and hois	led ack	yat migg	ew, at 10-	lag-
ship made q	recural sign	All 11826	uns, am	d made	general de	qual 4368	3.0
asking to be	the shill in	Lugan	en unseve	red gott,	Luib O.	Berryma	1:11
U.S. M. B. left	me my on	ouy,	acreceo	1. Zano	lo awisions	at revolver i	anel.
Meridian L	www.co. Co.	0,	8:	00	A: Had	E	/
Menidian	6 11. PM. 1	bloudy	dud war	my Stone	the breeze	how that	gn
Baroweter,	riscina las	hause	Corvette 1	Conso les	t the hard	os @1215 (	Ded.
Allicial via	its love C	bud's O	Micina N	Ob	· Constt.	Whi med	111
S. Trentow.	de 6 30 Q	6. Madi	owned C	Turvid	barometer	30.10-	
S. Trenton.		~/	Segme	1. Of 9.	M. Irwin.	Luce	6-
4108. J. M.	. Overcasi	t first	wo hours	Clearen	a toward	latterpar	et
of watch.	Light br	eege fro	me A to or	they 6. C	Moj. 15 fla	golip ma	de
Found Di	and 600/08	Sint	tourn toh	malland	- my only	al olands.	al-
8 P. Mo to In Gentle brug	leved at gr	warters	. aprira	dbary	neter 3d 11	0.	
a 1000 10.		1 1	Signed	de Cl.	G. Sitter.	Gusig	w
8 O. Mito M	udnight s	Olean	and plea	reant (	Bright on	coorlight	5
Gentle brug	ge fram N.	avervir	barouse	ter 30, 111	in o	A	,
			Sign	vd. (M.	M Irww.	Luce	5
2 12 10 10 10							
1				· Comment			
would mid Ex	camined and found to be co	prrect.					
Jour Smid Ex Dec 12° 32' 09	8					2-10	
Phase, 1º Dua	erler,					my Pars	lin

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

							1	Sta	g.	as	al	Ki.	Japa	an.			
					WINDS.			BAROME	TVD	TUM	DUDATE	rmp.			1 2 4		
He	our.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.		-	Air Wet	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
-			Fa				2			Bulb.	Bulb.	surface.			유하		
A.	M.				,												
0	No	one	ed	CA+6	Calm	0		29.96	76	69	68		be	Gir	9	8	
	2	"		"	"	0		29.96	16	69	68		,,	,,	9	"	
	3			NOV 6	ddb.	1		29.96	40	69	67			,	8	"	
	4			,,		1		2006	10	69	67		,	,	8	"	
	5	"				2.		man	70	64	66				8	,	
	6	"		,		2		2000	170	67	66		,	,	9	,	
	7	"		"	"	2		30.00	/	68	66		"		9		
	8			"	,	2		30.00	/	68	66				9		
	9	"		"	-1	2		1000	/	107.00				"	9	,	
	15	,		*	OI.	2	-	20.02	76	/	70		-	"	8	"	
	10	"		"	"	1000		30.04	/	1	7			"	0	"	
100	1	"		,	"	2		20.04	/	70	70		"	" .	8		
No	юп.	,		"	,	2		3004	76	76	74		"	,	8	"	
-	,														7000		
		Distar	nce ru	in by Log since pre	ceding Noon									knots	fath	oms.	
	1	Latitu	de by	D. R. at Noon											,	"	
	I	ongi	tude 1	by D. R. at Noon										•		"	
	I	atitu	de by	Observations at N	oon O								-		-	"	
	1	ongi	tude l	by Chronometer fro	m Forenoon Obser	vation	s 0								,	"	
	(	Curren	nt du	ring the time	knots f	fms. po	er hou	ır, setting	to th	e							
	1	Variat	ion o	f the Compass by A	Amplitude O obser	ved at	Suni	rise						•	,	"	
	1	Variat	ion of	f the Compass by A	zimuth o observe	d at									1	"	
	V	Vater	expe	nded during the pro	eceding 24 hours									300	gal	lons.	
	1	Water			during the pro	eceding	g 24 1	hours								"	
	,	Water	rema	aining on hand fit fo	or use at Noon									652	,	"	
	(	Coal	consui	med during the pred	ceding 24 hours								t	ons 81	10	lbs.	
	(	Coal	remain	ning on hand at No	on								110	" 3/	0	"	
P.	M.																
	1	"		N.	CA	1		30.04	1	-14	76	_	be	Gir	8	"	
	2					2		30.04	//	//	18				8.		
	3	"		101	101	2			1/	MA	70		"	"	8	"	
	4	"		D. 11.	2. 21.	2	735	30.03	/	17	10		"	"	8	"	
		"		"	"			30.08	78	79	/		"	"	8	M	
	5	"		1 .01	1.01	2		30.03	79	74	77		"	"	0	"	
	6	"		ON + WY.	01101	2		30.03	79	78	77		"	"	1	"	
-	7	"		"	"	2		30.04	79	78	77		,	,	6	1	
-	8	"		"	N.	2	-	30.06	78	78	77		"	"	3	*	
	9	"		,	"	1		30.00	75	74	73		"	Cir Que	5	1	
1	0	"		,	"	1		30.08	73	73	73			"	6		
1	1	"	-	"	"	1		30.10	74	ファ	69			"	7	"	
M	id.	"		"	"	1		30.10	74	70	69		,	"	17		
			-	-					/	/					/		
	1	Longi	tude	by Chronometer fro	om Afternoon Obse	rvation	18 0								,	"	
	1	Longi	tude	by Chronometer fro	om Observations			*							,	"	

Dommences and until HA.M. blear and please ant, balm to light variable airs last part of watch. Barometer steady. Ameroid at HA.M. 30.11 blear hawse.

Signed. N. b. P. M. blear, and pleasant, Sight A.A. & bruge, at 7. 20 flagship made uniform signal, at 7.05 flagship made general signal of 162; aversed tohgall dut and royal pards and loved sail to aboroline. Signed, A. O. Bitter. Eurogn 8 B In to Meridian, blear and warm. Gentle bruge from It Histed out launch, and sent her to haval storehouse for stores: received on board in Ord. Oept. one Lowell battery and one book gase full of books for the Richmond, Mustered alquarters at 9.30 and exercised 10 Disat howitzer drill, 20 div. with small arms. 3- dies with Gathing gun and Marine guard at skirmish drill, boundig Officer paid an official visit to German Coroctte Illis at 1000 flagship made general signal 3318. Answer, Rec from USS Enterprise, Levisel S. Dudley, OS 2 Gand Geo. It. Le Woodheaver, with bags, hammocks, and necessary papers. Arroid barometer 30.19. Signed. M. M. Trivin. Lient Meridian to 4. P.M. bleav and warm, Light North winds shifting to A. W. latter part of watch, Jarous eter falling slowly Went to quarters at 1. Phi, and served out clean hammocks. all 1.10 sho thened, and furled sail to general signal with flagship. Ameroid 30.20.

Lio 8. O. M. Pleasant weather. Buttle breeze from they th. Mustisedat quarters at 11. 45. Hoisted in launch. at 1.25 flagolich Fruiton fereda salute of 7 guns with Portuguese flag at the fore. at 435 he see and corvette did the same, ab job drustow made general signal co 68. fol lowed by annulling flag and that by general signal logs. Sent down Low fashion, Airervice barons et 30.21. 8 C. Into Midnight, Clear and Gool, Light airs from North. Sarourster rising. Clear hawse, ameroid 36.25. Signed. W.b. P. Mins. Ensign.

Moon lone & Examined and found to be correct.

Dec 15° 08' 58" S. Phase, 1" Quarter

Pricet- & Navigator

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

				WINDS.		1	BAROME	TER.	TEM	PERATU	URE.			lear ths.	G.	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leevay.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is un at end of watch.
A. M.												1			1	
Mo 2	ore	d	01/6	OXXB.	2		30.10	1	69	67		be	Cir stra		8	
3	"		"	,	2		30.10	/	69	67		,	ger caun	8	"	
4	"		,	,	2		30.10	1/	69	by		,	Cir bum		,	
5	"		"	,	1		20.12	/	/	68			"	3	"	
6	1		"	,	1		30.11	/	70	68			,	2 3	"	
8	11		"	,	1		30.14	1	1			,	,	4	"	
9	"		,	"	1		30.16	/	74	71		-	"	11	11	
10	"		"	,	2		30.18	/	75	72		,	"	6	,	
Noon.	-		Enst	68.6.	2		30.20	70	78	12		"	"	7	"	
			- turi	N 2. N.				//	/					/		
	Distan	ce ru	n by Log since pre-	ceding Noon									knots	fath	oms.	
			D. R. at Noon										•	,	"	
			Observations at N	oon @									•	,	"	
			by Chronometer fro		ervation	s O							•	,	"	
			ring the time				ır, setting	to th	10							
			f the Compass by A			Sum	rise						•	,		
			the Compass by A		ed at								300	,	"	
	Water		nded during the pro	during the pr	receding	g 24 ]	hours						200		ions.	4.23.4.25
	Water	rema	aining on hand fit fo										350	,	"	
	Coal c	onsur	ned during the pred	ceding 24 hours									tons 40	0	lbs.	
	Coal r	emair	ning on hand at No	on								109	" 213	0	"	
P. M.					T											
1	"		6016	bahu	0		30.15	79	78	72		be	birbun	27	"	
2	"		"	8	2		30.15	79	78	72		"	"	1	,	
3	"		"		2		30.13	48	78	72		"	"	7	+	
4	"		"	"	2		30.13	78	78	72		,	-	7	"	
6	"		,	"	1		30.11	79	78.	73		"	-	6	,	
7	"		24.	"	1		30.14		78	73		"	,	6	"	
8	,		"	balm	0		30.111	/	78	73		,	,	6	"	
9	"		A 21 × 21.	"	0		30.14	77	78	70				6	"	
10	"		N. Wed.	"	0		30.111	77	78	70		,	,	6	"	
11 Mid.	"		01.11201.	,	0		30.14	76	76	60		"	*	63	"	100
					-	7.00	,,,,,	/	/	1		"	"		"	
	Longi	tude l	by Chronometer fro	m Afternoon Obse	ervation	18 🖸							0	,	"	
	Longit	tude l	by Chronometer fro	m Observations			*							,	"	
															THE RESERVE OF THE PERSON NAMED IN	THE RESERVE THE PARTY OF THE PA

nder the command of Commander a. H. M. Cornick Griday. July 11 15 , U. S. Navy, , 188//.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and wetil IL a. Weather glear, and pleasant, Lightbruge from Aby 6. Sarometer steady, Arrived barometer 30.27 I to 8. a.M. Pleasant weather, Light airs from Nby 6. Barometersteady At daylight dressed ship rainbow fashion in hours of the day, at 7,30 flagshih made usual dress signals. Aneroid barometer 30.28. 1 Signed. M.M. Trivers Level ; 8 am to Meridian. Fair and pleasant, Light Nby Cairs, Phifting to & & blatter part of watch, alg to went to quarter for inspection Consisted for cruise, special service, Satacksi Ownchida and Toyorki Yostocked as landsusew, Ameroid at end of watch 30.29 Ast Engs Games M. Pickerell, reported for duty. Meridian to H.O.M. Weather clear and pleasant, Light bruge from S. Baroweter falling at Meridian the Slagship field a salette of regues as did the pressian govette and a battely on shore, Transferred I'm Thomas Sea and Thomas Smith Eds No the Enterprise and Benjarrive Schunke, Os, Walter Grahame (Sea) albert pseu, Sea, John Hunter. Sea) and Martin Murphy 1018ins) to the Trenton Orgeroed 30.25 Signed, Rarl Paper. Leut-4 to 8. P. M. Fair and pleasant, Right airs from South, Barometer eteady. Placed O'm Spellman, Seal in double irons under sentrys Charge for safe Keeping by order of Counding Officer, The following named men were transferred from the Irenton to this vessel; & T. Buckley. 1Capp: Www G. Sripp. (Ollepp) Stephen Opaig O (Sin) and ado Cph Cochel, 10 Fire) aneroid 30.26. Signed A.b. P. Mins, Ensign 8 I Al to Midnight Clear and While acant, balm, alg. so illushinated ship having a rambow of Japanese lanterns. Japanese lanterns from each mast head plopped but to the yard arms and running down to the waters edge. Japanese lanterers on the sidge ropes both sedes and in the proof and vacant ports and in the ganger ayo, aly 30 undursed ship. Swint Coston signals from each gard arm and from the flying jib boom end. Barometer steady anieroid 30.27.

Noovlanid Examined and found to be correct.

Phase, let Quarter.

Bigeby Navigator

Variation of the Compass by

						14	yu	eu	su	10	1	your,				
				WINDS.		0	BAROME	TER.	TEN	IPERAT	URE.		Post	lear ths.	Cinn	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.		Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the v at end of wat
A. M.																
Man	ore	do	de	d	1		30.10	75	45	75		bo	Cir Cum	4	8	
2		w	1.		1		30.13	10	10	74		"	June "	6	"	
3	"		"	,	1		30.13	70	75	73				6	"	
4	"		"		1		30.13	145	75	73		,	,	4	"	40,34
5	1		CHAR	6d6.	1		30.13	411	74	172		,	,	5	"	
6	"		0,0,0,	90101	1		30.13	711	711	172		,	,	3	"	
7	"		"	Malu	0		30-12	1/2	711	73			,	7	"	
8	"		"	- Luini	0		30,12	100	Logar	24			,	7	"	
9	"		8	86	1		30.12	18	4-	74		-	,,	6	"	1
10			"	30.	,		30.12	44	1/8	211	,	,,	"	6		
n				8	1		80.12	Jana .	70	74	,	,,	,	2/	"	
Noon					2		30:12	79	79	711		,,		,,		
210011	-		"				00.72	71	//	14				7	"	
	Distan		n by Log since pre	anding Noon									knots	fath	oms.	1
				ceding Noon									anots	,	"	
			D. R. at Noon											,	"	
			by D. R. at Noon											,	"	
			Observations at N											,	"	
	The State of		y Chronometer fro										TO SHE			
			ring the time				ır, setting	to th	е					,	"	
			f the Compass by A			Suni	rise							,	"	
			the Compass by A		ed at								35			
		1000	nded during the pr										350	ga	llons.	
		/	istilled	during the pr	receding	g 24 ]	hours						1000		"	
*			ining on hand fit f										1000		"	-
	Coal	consur	ned during the pre-	ceding 24 hours									tons of 8		lbs.	
	Coal	remain	ning on hand at No	oon								108	" 157	0	"	
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9	"		,	"	2		30.03	82	80	75	-	,	"	8	"	
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Mid.	,			"	1		30.04	1000	80	75	+			6	"	
									1	/		1	1		1	
	Longi	itude l	by Chronometer fro	om Afternoon Obs	ervation	ns (0)								,	"	
			by Chronometer from		7 4110)		*								"	
			of the Compass by		erved a	+ 9								,	"	
			Sompass by	008	ar Cu l	E Dill	and the same of th						30000	7		

under the command of Commander a. H. M. Commek , U. S. Navy, Saturday. July 5 , 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and witil 4 B.M. Weather glear and pleasant, Light wis from No, Garometer rising arend at end of watch 30.20 Signed. B. P. Clas. Tents 11 to 8. A.M. Clearand pleasand, balow to light B. M. Exirs, Parous eter falling slowly, Made preparations and started Lisis under land 3 at 6. AM. for his tilling. arrived 30. 25. Started destilling at 7.15. Released It " Spellman, Seas from Jonfinence it by order of bounding Offices Signed. Orb. Minis Edsign. 8 a M to Meridian. Weather glear and pleasant, Light bruge from & to S. O. algo mustered and inspected alquarters and lurised in clean hammocks. airid bedding in obedience to signal. Signalled to flag-Ship permission to spread awring the awind yest Flagship of malled How much money necessary to paymonthly modey Ourdered Money list \$2889, on board \$ 1950. Thug ship signalled, Schood boat for papers. Aleased Geo B. Jordan. Tab from Confinement by Meridian to 4 P. M. Meather char and warm, Light airs from Sd, By order of hear admiral J. G. Davis transferred Hans Karlsewsen I'm flenny, Sea and We Spellman Seal to U.S.S. Juniata, By same Viz: Eneign of Betammen, and Ensign Edward Lloyd from Enterprise and Ensign (Jurior Grade) Haller & Sears, from USS. Juniata. at 1' the flag ship made signal 1803 with humeral q. Aneroid at end of watch 30.14. Signed. 6. P. Aus. Sint Ho 8. P. M. Weather clear and pleasant, Lightbruge from St. aniroid at end of watch 30.14. Garoweter falling . Distilling water, Glagehop signalled "Officers will wear the uniform of the day until after sunset, after which it is optional" Ameroid barometer Bo. 15. 8. M. mitil Midnight, Weather dear and pleasant, Light airs from S' and We, Darometer steady. Ameroid at end of watch &o. 15.

Mountained Examined and found to be correct.

Occ 18° 20' 44" &

Phase 1st Quarter.

Topt Parter. Ziciet & Navigator.

Longitude by Chronometer from Observations

observed at Sunset

Variation of the Compass by Amplitude

Variation of the Compass by

				-				y	a	- u		Jap	nu,		
				WINDS.			BAROMET	ER.	TEM	PERATU	JRE.			lear bs.	9
our.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.
N			8	8	1-3		30.03	Yo.	-18	711		ben	Di anu	3	8
2	-		-		1-3		30.02	16	44	75		"	- della	11	,
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Noon.	,		"	"	4		30.00	85	83	79		"		1	"
,	Distan	ce ru	in by Log since pre	ceding Noon									knots	fatl	ioms.
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	Longit	nde l	by Chronometer fro	m Forenoon Obser	rvations	0							•	,	"
	Curren	nt du	ring the time	knots	fms. pe	r hou	ar, setting	to th	ie						
			ring the time					to th	ie						,,
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	Variat Variat Water Water Water	ion o	of the Compass by A ended during the product of the Compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the product of the compass by A ended during the compass by A e	Amplitude ⊙ observed  Azimuth ⊙ observed  ecceding 24 hours  during the properties of use at Noon  ceding 24 hours	rved at	Sun	rise	to th	ie.				300	ga ga	" llons. "
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·. M.	Variat Variat Water Water Water	ion o	of the Compass by A ended during the product that the desiring on hand fit formed during the pre-	Amplitude ⊙ observed  Azimuth ⊙ observed  ecceding 24 hours  during the properties of use at Noon  ceding 24 hours	rved at ed at ecceding	Sun	hours	844	83	78			300 1500 2200 tons 181	ga ga	" " " " " " "
2. M. 1 2	Variat Variat Water Water Coal o	ion o	of the Compass by A ended during the product that the desiring on hand fit formed during the pre-	Amplitude © observed by the control of the property of the pro	rved at ed at ecceding	Sun	30.00 30.00	844	83	78			300 1500 2200 tons 181	ga	" " " " " " " "
P. M. 1 2 3	Variat Variat Water Water Coal of	ion o	of the Compass by A ended during the product that the desiring on hand fit formed during the pre-	Amplitude of observe ecceding 24 hours during the proof or use at Noon ecceding 24 hours on	rved at ed at ecceding	Sun	hours	844 844 844	83 83 83	78			3000 1500 2200 tons 181	ga g	" " " " " " " " "
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2. M. 1 3 3 4 5	Variat Variat Water Water Water Coal o	ion o	of the Compass by A ended during the product that the desiring on hand fit formed during the pre-	Amplitude © observed a construction of the proof of the p	rved at ed at ecceding	Sun	30.00 30.00	844 844 844 844	83 83 83 83	78 78 78			3000 1500 2200 tons 181	, ga	" llons. " lbs. "
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2 M. 1 2 3 4 5 6 7	Variat Variat Water Water Coal o	ion o	of the Compass by A ended during the product that the desiring on hand fit formed during the pre-	Amplitude © observed a construction of the proof of the p	rved at ed at ecceding	Sun	30.00 30.00	844 844 844 844 844	83 83 83 83 83 83 83	78 78 78 78			3000 1500 2200 tons 181	50000000000000000000000000000000000000	" llons. " " " " " " " " " " " " " " " " " " "
P. M. 1 3 3 4 5 6 7 8	Variat Variat Variat Water Water Coal o	ion o	of the Compass by A ended during the product that the desiring on hand fit formed during the pre-	Amplitude © observed a construction of the proof of the p	rved at ed at ecceding 3 3 3 3 3	Sun	30.00 30.00	844 844 844 844 844 844	83 83 83 83 83 83 83	78 78 78 78			3000 1500 2200 tons 181	50000000000000000000000000000000000000	" llons. " " " " " " " " " " " " " " " " " " "
2. M. 1 3 3 4 5 6 7 8 9	Variat Variat Water Water Coal o	ion o	of the Compass by A ended during the product that the desiring on hand fit formed during the pre-	Amplitude © observed a second of the property	rved at ed at ecceding 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Suni	30.00 30.00	844 844 844 844 844 844 844 844	83 83 83 83 83 83 83	78 78 78 78			3000 1500 2200 tons 1810 " 198	, ga 3 11 11 3 8 2 3	" lllons. " " " " " " " " " " " " " " " " " " "
P. M. 1 3 3 4 5 6 7 8 9 10	Variat Variat Variat Water Water Coal o	ion o	of the Compass by A ended during the product that the desiring on hand fit formed during the pre-	Amplitude © observed a second of the property	rved at ecceding at the eccedi	Suni	30.00 30.00	844 844 844 844 844 844 844 841 811	83 83 83 83 83 83 80 80	78 78 78 78		be " " " " "	3000 3000 1500 1810 1910 1910 1910 1910 1910 1910 19	5 3 11 11 3 8 2 3 2	" llons. " " " " " " " " " " " " " " " " " " "
P. M. 1 3 3 4 5 6 7 8 9	Variat Variat Variat Water Water Coal of	ion o	of the Compass by A ended during the product of the formation on hand fit fill med during the preciping on hand at No. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Amplitude © observed a second of the property	rved at ed at ecceding 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Suni	30.00 30.00	844 844 844 844 844 844 844 844	83 83 83 83 83 83 83	78 78 78 78		be " " " " "	3000 3000 1500 1810 1910 1910 1910 1910 1910 1910 19	, ga 3 11 11 3 8 2 3	" llons. " " " " " " " " " " " " " " " " " " "

, U. S. Navy,

, 1881/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Bourness and wite Ha. Mr. Blondy and pleasant Mind from South with occasional fulfo first two hours. Origingrain last hours Ameroid barometro 60.18. Distilling.

Also E. A.M. Mathew please but, agent fracting Areas of rains for army from to to S. It. Bakemeter falling. Preserved on board for army 182 lbs of fresh bey and 182 lbs of organistic falling and 128 loanes of bread, Oistilling water Ameroid barometry 20,11.

I am to Mure diaw. Oreather Ameroid barometry 20,11.

I amende to Boven west of the Navy Elet Constantial Orders and for the better Coven ment of the Navy Elet Constantial Orders and mustered the Brew, Ameroid barometry at end of water 20, 10.

Meridian to It. P. M., Blondy bud warm, Quette to moderate from this chipand from the U.S. Naval Service, Benn allest sed was form this chipand from the U.S. Naval Service, Benn allest sed was form this chipand from the U.S. Naval Service, Benn allest sed was form this chipand that the U.S. Naval Service, Benn allest sed was form the Sangued to the Sanometer steady. Oistilling. Ameroid at end of water to transfer and to the Sanometer steady. Oistilling. Ameroid at end of water to breeze from S. S. A. S. M. Consigni, bloom of the U.S. St. Alex St. clockfield distilling and haved fire. Over wood bar ometer 30.09.

Segued. O. Billes. Eurigni

Movulonid Examined and found to be correct.

Die 18° 47' 20" S.

Phase Let Quarter

M. H. Parkers Limby Navigator.

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1	1. 1.
Magasas	Re Japan
Magasas	

								110	ag	as	an	w.	Japa	w.			
WINDS. BAROMETER, TEMPERATURE.																	
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leevny.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is u at end of watch.
	A. M.			0 001	1101						7400	Burnace.	1	Cung		2	
-	100000	ore	d	88%	88%	2-11		29.96		79	77	-	beg	avain		0	1
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	9					2		30.00	82	81	77		,	"	5		
	10	"			,	2-3	-	30.00	82	82	78			Cir Cune	2		
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	Noon.					3-11		30.01	93	83	79			"	3	"	
	-										//		1		1	-	
		Dista	nce ru	n by Log since pre	ceding Noon									knots	fath	ioms.	
		Latitu	ide by	D. R. at Noon											,	"	-
		Longi	tude l	by D. R. at Noon												"	
	1	Latitu	de by	Observations at N	oon O									•	•	"	
		Longi	tude l	y Chronometer fro	m Forenoon Obse	ervation	is 0								•	"	-
	•	Curre	nt du	ring the time	knots	fms. pe	er hor	ır, setting	to th	ie				-			
				f the Compass by A			Suni	rise							,	"	
				f the Compass by A		red at									1	"	
				nded during the pr									•		o ga		
				istilled	during the p	recedin	g 24 ]	hours						118		"	
				aining on hand fit f										300			
				med during the pre											140		
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	8	"	la la	"	,	3		30.00	1		76				3	"	
	9	,		8+24	8+24	2		30.00		1000	76			1	2		
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	Mid.	"		,	,	3		30.02	1000	79	77		"	"	1	"	
			1				-		/	1	1/			1			
																	THE RESERVE TO SHARE THE PARTY OF THE PARTY

Longitude by Chronometer from Afternoon Observations  $\odot$ Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by



Commences and write La.M. Cloudy. Light to moderate bruge from S. S. W. anivered baronseter 30.08. Signed. Ok. M. Invin. Guite Ho 8. a. M. Weather cloudy and warm, a cutte bruge from S. S. M. Parometer steady. At 7.55 Flagship made signal boys. At 8.00 grossed royal yards. Android at end of watch 30,10. . Signed, O. P. Rees Sunt 8 AM. to Meridian Cloudy and warm, Sight to moderate bruge from & Dr. At g. 15 hoisted Aut sailing launch and sent her to skitsu Bitsu highter for some ports, Received on board in Cay Dept 4 lbs of Pork and 2 bbls of Sugar, Hoisted in launch again, At 9 30 mistered at quarters, and had divisional buills, and battalion dill. at q" Hadship made general lignal 3316. numeral 10. At 1100 sent bout to Hagship in obedience to signal, Aneroid barometer 30.10. At 10 30 sent grand boat to Juniata bir answer to signal and then to Flagship. Sighed Ch. O. Sitter, Onsign Meridian to 11. J.M. Cloudy and warm. Moderate bruge from B. W. At 100 Hagship made signal 3897 with Essex distinguishing permant lat port main topsail of ard arm, At 120 a Goded of Survey "Medical) of which Surgeon Glorge Dr. Thoods, U.S. N. was the Senton Member met on board this ship. Frank A. Whitney OSea, App.) was transferred to this ship from the U.S. S. Enterprise. Houroid baronneter 30.12. Signed. W. M. Sriver Sint 4 to 8. O.M. Cloudy and warm. Gentle to producate bruge from SS %. Carometer steady. At 4. 45 mustered, at quarters. August Burnan. ( Ships book, ) and John Hearry. (60.) absent without leave. At 70 Thagship made general signal 6640. Sent down topgallant and royal yards and topgallant masts. George Same Seal was transfired to this ship from the US FS. Trenton; also With Featherstone Ids.) enlisted for gruise of the Trenton was transferred to this vessel to be taken to the US and discharged. Anivoid barometer 30, 12. Signed, Q. O. Pitter Ensign. 8 . Al to Midnight. Cloudy with passing showers latter part, Moderate bruge from Sby Dr. with occasional puffs. Aneraid barometer 30.15. Signed. W. M. Inview. Link

Hoon & mid Examined and found to be correct.

Dec. 18° 32'52" S.

hase. Ich Duarter.

Billey Navigator.

Magasaki.	Japan.	
1	1 2	

		Magasaku	Japan.		
					_
	WINDS.	BAROMETER. TEMPERATURE.	State of the Forms of Wenther: Clouds, by	State Record of the mil the w	
Hour: Knots.	al. Direction. Force.	Height in Ther. Air Air Water at Bulb. surface.	State of the Wenther. Clouds, by by symbols. symbols.	State of the Record of the and the was Sea.	eh.
A A A	Direction. Forces.	inches. att'd. Bulb. Bulb. surface	of simons simons		
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11	88.6. 2	30-011-18 7671			
	2				
Noon.	" 2	30.06 79 76 74	" "	1.	
Distance run by Log sine	e preceding Noon		knots f	thoms.	
Latitude by D. R. at No.					
Longitude by D. R. at N	oon				
Latitude by Observations	at Noon 9			"	
Longitude by Chronomet	er from Forencon Observations ©			"	
Current during the time		iour, setting to the			
	-				
Variation of the Compass	by Amplitude @ observed at Su	inrise			
Variation of the Compass	by Azimuth O observed at			"	
Water expended during t	he preceding 24 hours		300	gallons.	
Water	during the preceding 2	4 house			
		z nonts			
Water remaining on han	l fit for use at Noon		2850	-	
Coal consumed during th	e preceding 24 hours		tons Hou	lbs.	
Coal remaining on hand	at Noon		1011 = 1860	4	
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				T	
P. M.					
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Mid.	. 3	30.10 75 74 73			
		////	7 1		

Longitude by Chronometer from Afternoon Observations 3

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

, U. S. Navy,

, 1884.

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.M. Cloudy, varry and equally weather. Wirid in puffs from Sby It. Garometer steady. Hoross in halvse, Amer-oid barometer at end of watch 30.16.
Signed Edward Lloyd, Jr. Ensign. 4 to 8. A. M. Overcast and rainly. Gentle breeze from & by M. firsthour, then falling galin, Received on board in Pay Dept, 188 lbs of fresh beef and vegetables and 127 lbs of bread, At 7.50 Flag ship made signal that rotting drill was suspended.

8 A Muntil Meridian, Overcast cloudy, and rainy, slightly gluring , at the close. It 11" Flagship made signal 1087. Answeret, and in obedience to signal sent a boat to Flagship, Anivoid barometer 30.23. At 11" Livet M. R. S. Mackenzie was placed under jarrest by order of the Commander in Chief Signed M.M. Invin. Link-Meridian to 11 V. M. First half gloudy and rainy, last half gloudy and threatening rain. Sight airs from South first hour, from 6.86. remainder of watch, Andrid barometer 30.24, At 1.15 Flagship 2990.0936. 2907. 9450: 945, 6863, 16 4 13. Oposs in hawst. 4 to 8. P.M. Overcast and cloudy. Light airs from Ed. first two hours, calm latter part, Baron eth steady. and convid baronseter 30.22. 8 PM to Midnight, bloudy weather with light driggling rain first half of watch, Sight to gentle bruge from St. Parotheter rising, bross in hawse, Andoid baronsetter at end of watch 30.26. Bigned, Odward Sloyd fr. Ensign

Hoon I said Examined and found to be correct.

Phase 12 Quarter

Tient 3 Navigator.

Longitude by Chronometer from Observations

observed at Sunset

Variation of the Compass by Amplitude

Variation of the Compass by

					-	N.	ago	re	ah	Le.	p	aprau	/-			
		1					-				0					
Hour.	Knots.	104.	Courses steered.	WINDS.		ıy.	BAROME			Air		State of the Weather. by symbols.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the Sea.	Record of the sail the vess at end of watch.
		Pathoma		Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb,	Wet Bulb.	Water at surface.	by symoons.	ay invois.	Prop Sky.		
A. M.																
Mo	ora	d	8.56	8×94	2		30.10	75	74	72		oe .	Prints	0	8	
9	"		"	"	1		30.10	75	74	72		"	"	0	"	
3	"			"	1		30.10	75	74	72	-	,	"	0	"	
4	"		DrxN.	balm	0		30.10	75	74	72	-	"	"	0	"	
5	"		846	686	2		30.10	73	73	71		"	"	0	"	
6	"		"	"	2		30.10	73	72	70		be	Being	0	"	
7	-		"	,	2		80.10	73	72	70		oc	"	0	"	
8	7		0"01	"	2		00.10	/	/	70		"	"	0	"	
9	"		SXIV.	*	1		30.10	/	73	71		"	Cuu 8	0	"	
10	"		10.8	61	1		30.10		73	7'		ve	circuin	1000	*	1000
11	*		1.8x.8.	balu	0		30.10	76	70	72		"	"	3	-	
Noon.	"		01.01.11.	"	0		30-10	78	78	73		"	"	3	1	
	D'atan		n by Log since prec	ading Noon									knots	fatl	noms.	
			D. R. at Noon	seding avoor									0	,	"	
			y D. R. at Noon											,	"	
			Observations at No	oon O											"	
			y Chronometer from		rvation	s O								,	"	1
			ing the time				ur, setting	to th	10							1
			the Compass by A	Amplitude ⊙ obser	rved at	Sun	rise							,	"	100
	Variati	ion of	the Compass by A	zimuth O observe	ed at									,	"	
	Water	exper	nded during the pro	eceding 24 hours									300	ga	llons.	
	Water			during the pr	ecedin	g 24	hours								"	
	Water	rema	ining on hand fit fo	or use at Noon									250	0	"	
	Coal c	onsun	ned during the prec	eeding 24 hours									tons 10	60	lbs.	
	Coal r	emain	ing on hand at No	on ,								118	" 7	90	"	
-				,	1	1	1	-						-	1	
P. M.				,		1		-				1				
1	"		Of	et	1		30.12	79	79	74	1	be	3 Cum	5	7	
9	1		"	,	2		30.11	80	80	70	1	"	"	4	1	-
3	"		,	"	2		30.11	80	80	70	1	"	"	3	"	
4	11.		"	,	2		30:10	80	80	73		,		2	- 11	
. 5	"		,	" 1.1	1		30.10	81	80	74	1	"	"	2	-	
6	"		8.9%.	W8 %.	1		80.10	10000	79	74	4		"	3		
7	"		101	"	1		30.10		79	74	1		"	3	1	-
8	"		8 21/2/	8. %.	1		30.10	80	79	74	1		"	2	14	
9	"		N.	N.	/		30.07	77	77	74	1	*	"	2	-	
10	"		"	"	1		30.07	17	77	74	1	"		1	-	-
11	"	-	A6	6.	1		30.07	177	196	73	3			2		
Mid.			"	"	1		30.07	177	70	73	3			4	*	
			01	-				-	-		-					
	Longi	tude l	by Chronometer fro	om Afternoon Obse	ervation	ns O							•		"	

Licet & Navigator.

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A. Ab. Cloudy, Pleasant, Sight airs from S. S. O. and galins. Aneroid 30. 12. Signed. Namwright Kellogg, Sunt H to 8. A. M. Cloudy and gool. Sente bruge from 6861 At 7.00. Goal. lighter carregalougede: commenced godling ship. At 7. 20 Flagship Smade the usual dues signals. At 7.55 Flad ship made general sigmal 6, 16: sent up top dallant masts, and grossed top gallant and royal pards. Anivoid baronseter 30.23. Of M. Frivin. Link 8 A Mb to Meridian. Partly lovercast and warm, Sight airs from 6. S. 6. first-half, calm last half of watch. Garometer steady. At 9.30 mustered at quarters, Occivid on board 14 tons of loal. From 9.50 to 10. Ho exercised with fleet, at sail and spardiell in obedurice to the following general signals. from Flagship: viz: 2353. 2521, 6068, 5955, 5456. 5476, 2787. At 1100 Flagship made officers dress signal, Al proon Enterprise made general signal 3247. Clear hawse, and Signed, Edward Lloyd Jr. Ensign.
Moridian to L. P. M. Clear and warm! Sightbrufe from Hest at!"
General Court Martial met on board "Enterprise" At 2. " Trenton made signal 4826, Jurled sail, America 30.22. Signed Mainwright Kellogg. Lunt and It & M. At 5" General bourt martial adjourned. alt. Milse Bitsu mail steamer from Yokohama game in Redived from her the following men bransferred to this ship from Naval Hospital. Yokohama, James Gillispie. Blacksmith, and It well Nutty. Sea, Blear hause, and and 8. P. Mo to Midnight, Clear and warm, Calmand light variable and Ameroid 30.02. barometer 3, 22. Signed, Wainwright Kellogg Lint Moore oned Examined and found to be correct. Dec 150 04' 18 8. Phase, Full moon,

0	ragas	aki. J	opaw.				
	BAROMETER.	TEMPERATURE.	State of the	Forms of	Clear Oths,	State	
CONTRACTOR OF THE PARTY OF			Sure of me.	Church ha	100	nfelia	Record of the sail the w

	Nagaraki. Japan.													
						1								
			WINDS.			BAHOME	TER.	TEMP	ERATURE.	State of the	Forms of	of Clear in 10ths.	State of the	Passed of the salt at
Hour. K	Pathoms, stou	Courses steered.	Direction.	Force.	Yay.	Height in inches.	Ther.	Air	Air Wat	State of the Weather. by symbols.	Forms of Clouds, by symbols.	of in 1	of the Sea.	Record of the sail the vessel is unde at end of watch.
	Paul		Du debuil	2 order	Loeway	inches	att'd.	Dry Bulh.	Wet at surfle	-	13.55	Prop 8ky,		
1 10														
1						1				1			,	
Med	red	Or.C.	6	/		Borry	75	75	72	be	Di gum	7	0	100000000000000000000000000000000000000
13	-			1		30.04	-11	74	72			4	*	
3						. /	1		200			14		
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4	-	-	balow	0		30.07	74	74	72		1.	7		
5		ch.d.6	N.dr. E.	1		30.04	74	74	72	-	"	7		
6				1		3004	011	17/1	22	on (m)	Course by	1		
						-	100	1	1	1		0		
1	-		•	/		30.08	79	74	14	be	av Come	7	-	
8			-	1		30.09	75	74	70		-	7	-	
9	-	0	86.	1		30.10	48	78	74		-	8		
10				1		30.10	wá	and the				8		
	•	-		1000			//	1.	14					
11	-	-	-	1		30.10	80	79	74	-		8	"	
Noon.		AN.	-	1		30.10	80	80	75		-	8		
								1						
											la de	6.0	oms.	
		m by Log since pre	ceding Noon								knots	BU		
L	atitude by	D. R. at Noon										*	10	-
L	ongitude l	by D. R. at Noon										,		-
T.	atitude hu	Observations at N	oon 9										10	
												,		
L	ongitude l	by Chronometer fro	m Forenoon Obser	vation	s O									
0	urrent du	ring the time	knots f	ins. pe	er hou	ur, setting	to th	e						
V	ariation o	f the Compass by	Amplitude 9 obser	ved at	Sun	rise							*	CA CONTRACTOR
			Azimuth @ observe									,	10	
				11 34							1			
W	ater expe	nded during the pr	eceding 24 hours								300	o ga	lons.	
M	Vater		during the pre	eeding	g 24	hours							CE	-
W	Vater rem	aining on hand fit f	for use at Noon								225	-	ac .	
	oal consu	med during the pre	ceding 24 hours								tons 14		lbs.	
0	Coal remai	ning on hand at No	000							118	" 39	70	**	The same of the sa
											-			
P. M.														
	7	01.	10101		-		0		,	1		100	1	
1		Ofx	8.9/x94	2		30.08	82	180	76	be	Gio Que	17	4	
9		Stx8.	A94	2	1	3006	81	80	76	-	"	5	-	
3				2		30.06			1		1	6		
			8.9%	2			1000		/	1	-	L	*	
4	*		D. 11.	1	1	30.011			/ -	"	-	1	*	
5				1	-	30.04	185	82	76	"	-	6	-	
6				1		30.05	84	84	76			14	1	
7				1	1	30.06	1000						-	
	"	-							10		-	3	-	
8				1		30.07	82	81	76		Civ	9	-	
9		"	Calm	0		30.07	8,	81	76		Qi Cum	6		
10		B. F. S.		0		30.07		81	76	1 100		-		
100		-1 101				. /	-		19		"	17		
11		N.Sr.	-	0	-	80.07	10	79	76			18	-	
Mid.	-			0	136	Be an	70	108	net			6	1	

Longitude by Chronometer from Afternoon Observations ⊙	,	
Longitude by Chronometer from Observations *	,	**
Variation of the Compass by Amplitude observed at Sunset	,	
Variation of the Compass by at		

Commences and until II a.M. Clear and pleasant, Calinto light
rains from Gast. Sarometer steady. Clear hawse, aneroid 30.20.
11 to 8. a. M. Frist part partially overcast and misty last fart
clear and warm, Sight airs from N.N.E. Darometer sising aly 30
flagshipmade usual dues signals. at 800 grossed light yards
and loosed sail to a bowline wo obedience to general stand 5 462
from flagship, Received for one 158 lbs of fresh but and vegetables
each and 128 lbs of feest bread. Clear hawse, ameroid barometel 30,24.
80 M to Miridian Clear and warn, Light variable airs. Obg. 20 mus-
level at quarters, Exercised all divisions at company dull. at go
flagship made signal 146.47. at 1130 sho made 1087. Abserved 30:20.
Meridian to 11 P. M. Jair. Harm. Sight S. W. weilds. Baronseter
falling clowly. at 12 of lagship made to this vessel wig was eignal
Send to boat I Sent an officer to report in obedience thereto, all so
flagship made general signal Hb H8. Furled sail, at 2.45 hoisted but, 1820, Alagship auswered got. Stowed sheet auchor in hold,
Arword 30.18. The following men were bransferred from the Frenton
to this vessel; viz. Jal J. Morrissey Sea ? " & B. B. Willot OS Ensign
1/5/00/10/1/10/10/10/10/10/10/10/10/10/10/1
11 to 8. P. M. Clear and warm. Sight bruge from S. M. at 4. 45 mostured
and royal exards. Amerid 30.05. At 5 5d Hanship made or and Guil
at quarters, ab 7, 67 flagship made signal 6068. Sent down Topgallant and royal yards. America 30.05. At 5.50 flagship made signal, Guil Court martial dissolved.  Signed, Waniwright Kellogg. Sunt 8. P. M. to Midnight, blear and pleas ant. Parometer stady. Americal So. 18.
a Da. 10 Signed, Warringht Kellogg. Sunt
1. J. M to Andright, Olean and pleas ant Sarbneler steady. Uner-
Signed M. G. P. Mein Eugen
Signed. M. G. Meir. Eurogn

hase, Gull moon,

Variation of the Compass by

				WINDS.			BAROME	TER.	TEM	PERATU	URE.	State of the	Forms of	of Clear in 10ths.	State	Described the sett of
Hour.	Knots.	Fathomia.	Courses steered.	Direction.	Force.	Геетаў.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Sky, in 1	of the Sea.	Record of the sail the yessel at end of watch.
A. M.		_	C/x &	d×8.	,		3 /	40	78	75		1	aican	0	8	
2	rec		0,00	0,10,	1		30.06	10	78	75		"	, ,	8	"	Marian
3	"		,	"	1		30.02	1 mg	76	74		"	"	7	"	
4	"		"	"	1		30.02	47	26	74		"	Cir	9	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5			,,	"	1		30.04	47	76	74		"	"	9	,	
6	,		6xN.	6 N 6,	1	1	30.04	78	77	74	-		Cir Cum	8	"	
7	"			"	1	-00	30011	79	78	70		"	"	7	"	
8			AEL 8.	16	1		3004	//	80	75		"	"	1	"	
10	"		Crozo.	0.10	1		30.05	-	80	76		,	"	17	"	
11	"		83/49/	8.	1		30.05	81	81	76		,	,	7		1000
Noon.			"	,,	2		3005	82	83	76		,	,	7	"	al discussion
-		-		-							-			/		A STATE OF THE PARTY OF
	Distan	ice ru	in by Log since pre	ceding Noon									knots	fatl	ioms.	
1	Latitue	de by	D. R. at Noon											,	"	
	Longit	inde l	by D. R. at Noon											'	"	
													•		"	-
1			Observations at N										2000			
1	Longit	ude l	by Chronometer from	om Forenoon Obse										-	"	
1	Longit	ade l	by Chronometer from	om Forenoon Obse	fms. p	er ho	ur, setting	to th	10						"	AL VE
1	Longit Curren Variat	ade l	by Chronometer from the time f the Compass by	om Forenoon Obse knots Amplitude © obse	fms. p	er ho		to th	ie.				•			7.5
1	Longit Curren Variat	and duration of	by Chronometer from the time f the Compass by A	knots Amplitude O observe	fms. p	er ho		to th	10					, ,	"	
1	Longit Curren Variat	and duration of	by Chronometer from the time f the Compass by	knots Amplitude O observed observed observed the control of the co	fms. perved at	er ho	rise	to th	10				Bor	, ga	"	
1	Current Variati Variati Water	and duration of	by Chronometer from the time f the Compass by A	knots Amplitude © observereeding 24 hours during the pr	fms. perved at	er ho	rise	to th	10					, ga	" " llons.	
,	Longit Current Variati Water Water Water	ande la duration of composition of c	by Chronometer from the time of the Compass by anded during the product of the product of the compass by anded during the product of the compass by an accordance of the compass by a compass by	knots Amplitude © observed ecceding 24 hours during the proof or use at Noon	fms. perved at	er ho	rise	to th	10				300	, ga	" Illons.	
	Longit Carrent Variati Water Water Water Coal c	ande la duration of ion of expe	by Chronometer from the time of the Compass by anded during the praining on hand fit is	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at	er ho	rise	; to th	10			117	300 1950	ga	" llons. "	
	Longit Carrent Variati Water Water Water Coal c	ande la duration of ion of expe	by Chronometer from the time of the Compass by anded during the promising on hand fit is med during the pre-	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at	er ho	rise	; to th	ie i				300 1950 tons 1/1	ga	" " llons. " " lbs.	
	Longit Carrent Variati Water Water Water Coal c	ande la duration of ion of expe	by Chronometer from the time of the Compass by anded during the promising on hand fit is med during the pre-	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at ed at	er ho	rise		844	ople			300 1950 tons 1/1	, , , , , , , , , , , , , , , , , , ,	" " llons. " " lbs.	
Р. М.	Longit Current Variati Water Water Water Coal e	ande la duration of ion of expe	by Chronometer from the time of the Compass by anded during the promising on hand fit is med during the pre-	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at ed at receding	er ho	30.06 30.06	844	844	76			300 1950 tons 11	, , , , , , , , , , , , , , , , , , ,	" " llons. " " lbs.	
P. M.	Coal c	ande la duration of ion of expe	by Chronometer from the time of the Compass by anded during the promising on hand fit is med during the pre-	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at ed at receding	er ho	30.06 30.06 30.04	84 86	844	76			300 1950 tons 11	, ga 30	" " llons. " " lbs.	
P. M. 1 9 3 4	Carrent Variati Variati Water Water Coal e	ande la duration of ion of expe	by Chronometer from the time of the Compass by anded during the promising on hand fit is med during the pre-	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at ed at receding	er ho	30.06 30.06 30.04 30.03	84 86 86	844 84 85 86	78			300 1950 tons 11	, , , , , , , , , , , , , , , , , , ,	" " " " " " " " "	
P. M. 1 9 3 4 5	Carrent Variati Variati Water Water Coal e	ande la duration of ion of expe	by Chronometer from the time of the Compass by anded during the promising on hand fit is med during the pre-	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at ed at receding	er ho	30.06 30.06 30.04 30.03 30.01	84 86 86	844	78 78			300 1950 tons 11	, ga 30	" " " " " " " " "	
P. M.  1  9  3  4  5  6	Longit Carren Variat Water Water Coal c	ande la duration of oxpe	oy Chronometer from the time of the Compass by anded during the production on hand fit is med during the preming on hand at No.	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at ed at receding	er ho	30.06 30.06 30.06 30.01 30.01 30.01	84 86 86	844 84 85 86	78 78 79 79			300 1950 tons H	, ga 30	llons.  lbs.  "	
P. M.  1  9  3  4  5  6  Ber	Coal coal r	ande la duration of ion of expe	oy Chronometer from the time of the Compass by anded during the production on hand fit is med during the preming on hand at No.	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at ed at receding	er ho	30.06 30.06 30.04 30.01 30.01 30.01	848 86 87 84 84	844 844 834 834	78 78 79 796			300 1950 tons H	, ga 30	llons.  lbs.  "	
P. M.  1  9  3  4  5  6  Bec.  8	Longit Carrent Variati Water Water Coal c Coal r	ande la duration of oxpe	oy Chronometer from the time of the Compass by anded during the production on hand fit is med during the preming on hand at No.	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at ed at receding	er ho	30.06 30.06 30.06 30.01 30.01 30.01 30.01	84 88 86 87 84 83	844 86 84 83 83 83	78 78 79 796			300 1950 tons H	, ga 30	llons.  lbs.  "	
P. M. 1 2 3 4 5 6 Chr. 8 9	Longit Curren Variat Variat Water Water Coal e Coal r	ande la duration of oxpe	oy Chronometer from the time of the Compass by anded during the production on hand fit is med during the preming on hand at No.	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. porved at ed at recedin	er ho	30.06 30.06 30.04 30.01 30.01 30.01 30.01 30.01	84 86 86 87 84 83 83	844 86 84 84 83 83 83 83	78 79 796		117 be ""	300 1950 tons H	, ga 30	llons.  lbs.  """  """  """  """  """  """  """	
P. M.  1  9  8  6  6  6  6  6  6  6  6  6  6  6  6	Longit Curren Variat Variat Water Water Coal c Coal c	ande la duration of oxpe	oy Chronometer from the time of the Compass by anded during the production on hand fit is med during the preming on hand at No.	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. perved at ed at receding	er ho	30.06 30.06 30.01 30.01 30.01 30.01 30.01 30.01	84 88 86 87 84 83	844 86 84 84 83 83 83 83	78 79 76 78 78 78 78		117 be ""	300 1950 tons H	, ga 30	" " Illons. " " " " " " " " " " " " " " " " " " "	
P. M. 1 9 3 4 5 6 8 9 10	Longit Curren Variat Variat Water Water Coal e Coal r	ande la duration of oxpe	oy Chronometer from the time of the Compass by anded during the production on hand fit is med during the preming on hand at No.	knots Amplitude © observed ecceding 24 hours during the pr for use at Noon ceding 24 hours	fms. porved at ed at recedin	er ho	30.06 30.06 30.04 30.01 30.01 30.01 30.01 30.01	84 86 86 87 84 83 83	844 86 84 84 83 83 83 83	78 78 78 79 76 78 78 78 78		117 be ""	300 1950 tons H	, ga 30	llons.  lbs.  """  """  """  """  """  """  """	

Commander a. H. M. Connick. Inday July 11. under the command of , U. S. Navy, , 1881/. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until Ha.M. Weather clear, and pleasant, Light airs from Aby 6. Barometer falling. Ameroid barometer 30.19. I Signed. Rarl Robert, Sient 4 to 8. a. M. Char and warns, Sight breeze from Nby E. at 7.33. Glagship made signal D2. 53. Bull light Sails. at 1. 55 made signal bolg, crossed top gallant and royal yards. Ameroid 30.18. 8 am to Meridian. Clear, and pleasant, Light winds from bouth Steady barometer. alg 30 went to quarters for linspection. Americal Signed, Naimoright Hellogg, Sunt Meridian to H. P.M. Weather glear and pleasant, Light to gentle breeze from S. It to S. S. W. al 1.05 Flagship made signal losg. austored and sent boat, at 1.30 called all hands to muster and read, General Court martial Order in the gase of Level MRS. Mackenze, who was acquitted, released from arrest and restored to duty. Averoid baron eter 30.10. 1 , Signed, Karl Rohrier, Sunt 11 to 8. J. M. Clear and pleas gist, Sight winds from & It. Steady barometer, at 6.00. Flagshippmade general signals 225 11 and 6183 proceeded to bend gear of light sails and un moor ship. Picked up starboard auchors and hove in on port Chain, Made preparations for seal, Ameroid barometer 30.10.

8. P. M. to Midnight, Neather clear and pleasant, Darometer etady, Light bruge from S.S. W to WS W. Ameroid barometer 30.12.

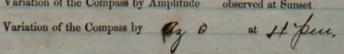
Signed, Karl Pohrer! Deuts Toouland Examined and found to be correct. hase Jull moon Leit X Navigator.

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		Long	itude	by Chronometer fro	om Afternoon Obse	ervatio	ns O						,	29.18	( .	1.2"	Je .

Longitude by Chronometer from Afternoon Observations ⊙

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset



Commander a. H. M. Conneck , U. S. Navy, nder the command of Saturday July 12 , 18 711 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Townsences and to HOM. Weather glear and pleasant, Lightbruge row & and He, Barometer falling. Started fires for steaming at 300. Invoid at end of watch 30.09. Signed. 6. P. Rus. B. Vicut to 8. a Mr. Partly cloudy warm and pleasant weather. Light togette S. E bruge, shifting to S. It by S. last hour, Slight rise in balom eter, at or flagship made general signal 5073 and bit 6.36 got underway and in confrance with Equa drow stood out of harbor in column of vesdels. all to flagshipmade dress signal and at 4.55. 4917. Answed. Standing out Hagasaki harbor at end of watch in company with squadron. Ensign. all to Meridian. Weather glear and pleasant, Moderate bruge from & y 6. Sarometer steady, Under Steam, fore and aft sail and foresail Steam brussure 37,5 lbs, and making 37,6 sevolutions. at 830 took departure, Saga ake light bearing for 6 N 6 3/4 6, distant & miles, patent log indicating eo, Il Khols and put ship on the course & My Dr. Ships draft ford 13'8" aft 188" By order of baptain, Edw b. Perry (08261) is confined in double wone for three days for turning outo his hammock while on anchor watch and lying and 2. 8. Schuman. Box 1 was given To hows extra duly for insolence to Offices of forecastle, at 8" flagship made telegraphic signal 4604. 4608. anseid and made signal the 9271. at 8 passed to windward of the other ships of the Egradion and were thered by each vessel in succession as we passed and returned the complement in Kind, arrived barometer 30. 10. Meri dian to 11 O.M. Weather char and pleasant, Gentle breeze from Shy W. Garometer falling. Steering S. W J. M. aneroid at end of watch 30.28. Steam 45. Red 1/11. 6 9. Rus . Line Sigged 11 to 6. O. M. Pleas ant weather, Moderate bruge from Shy A. at 1130 vot in foresail. Sent down lopgallant and royal yards. unbent, topogallant and lower stune ails found univove the gear, Steam 42lbs Revolutions 4r. Ameroid barometer 30.07. Oth Irwin . Fint 6 to 8 PM. Olear and pleasant Moderate bruge from S. S. H. Sonoth sea, At of sighted land bearing W. S. W. lost sight of et, at 7. 30, Steaming under six boilers, H. Rws. Holbs Steam, Patentlog 44, Ameroid 30.07. Signed. Mainwright Kellogg Tuet 8 9. In to Midnight, Weather glear and pleasant. Fresh to moderate and for and aff sail, Steam press. Holbs. Chos 41. Patent log 72.2 and vid barometer 30.06. Signed Harl Rohrer. cowhened Examined and found to be correct. Le. 4059'46" S. hase, Full moon. M. V. Parker Lecut of Navigator.

, 1884

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ham. Weather char and pleasant, Gentle bruge from S. S. W. Pright moonlight, Parometer steady, Sturing & Woffe Dt. Slean 43. Revs 42. Averoid at end of watch 30.02 Pleas. Lint Signed. Strange Sty It. hawling to S. S. W. Garometer steady. Steam 55 lbs, Clos. 53. Aneroid barometer 30. de. Cat-Ent log 30.05 Signed. ON Morion. Link-8 a In to Meridian, Bagy and warm first three hours of watch, overcast and rainy last hour, Moderate sea, Moderate bruge from & W. at 1145 Steaming under 6 boilers, at g. 15 mustered at quarters. Ameroid 80.02.
Meridian to H. P.M. Heather pleasant, Gentle bruge from & Heys. Garonseter falling. Under steam, pressure 38 lbs and making 38 sevelections. Amerbid barometer 29.98. Syorder of Captain changed sourse to S. It / It. at 12.10. Patent log at end of watch 82.3 knots,

Lito 6 P. M. Weather cloudy and pleasant, Scritte breeze from S' and Its
Garometer steady, Ameroid at end of watch 30.00. Steam HI. Aus Ho. Patent log 95,

b to 8. P.M. Bleasant weather. Moderate breeze from Shy M. Baraneroid barometer 300. Pat. log 8,5 8 P. He to Midnight, blear and pleasant, Moderate bruge from Sky Workich havlet to S. S. Wat 10.15. Took in all for and aft sail, Steam ing under b boilers. Moderate head sea, Steam 42 Pers 110. Moon rose at 9.30. aneroid 30.00. Signed. Wainwright Kellogg. Teut

Moon & mid. Examined and found to be correct.

Dia, 0°45' 51' S.

Phase. Full moon

Level & Brigain.

Commences and with 4. t. blear and pleasant weather. Moderate to fush breeze from S. W by S to S. W. Under steams, pressure 38 and making 38 revolutions, Smooth sea, Patent logat end of watch 55.5. aniroid bar, 30.10 Signed Karl Rohrer, Link 4 to 8. a.M. Heather clear and pleasant, Moderate breeze from S. W. Parometer steady. Ameroid at end of watch 30.00. Steam 1/2 Pers 14. Signed. 16. P. Pers. 8 a Me to Meridian, Clear and warm, Gresh breege from S. M. haul. ing to S. S. It. Sarometer steady. Alg. 15 inspected alguarters, exercised 1st and 3 divisions at single sticks, Do Powder, Ravigation divisions and Marine Guard at small arms. At 10.15 set jib and man topt staypail Cheleased Harvey Lake, (Mb) from Confinelinent and placed all. Price (Sea) in the cell, an eroid baroneter 29.91. Steam 36. Revs 34 Valent log 93. 11. Signed, " U. A. Trevir. Meridian to H. P.M. Clearfand hot, Fresh bruge from S. Why S. Moderate sea from direction of wind. Took in forward aft sail. Patent log grailes. Steaming under six boilers, Ameroid 29.94.

Light of Ph. Weather clear and pleasant, Fresh breeze from S. W. by S. to S. S. W. Garometer steady. Under steam and for and oft sail. Steam He lbs and making 36 swollstions, Patent-log 13.8. Aneroid barometer 29.94.

b to 8. P. M. Weather clear and placeaut, Frish bruge from S.S. W. Barometer steady. Jooks in main Injeail at y. S. Set spanker fat 7.35. Averoid about of whatch 29.94. Steam by Rws. 37. Patentlog 22.5. Lunt 8 P.M to Midnight, blear and pleasant, Fresh bruge from S. S. H. hauling to S. It last hour, Took in for and aft sail at 11.35, Steam 38. lbs. Rev 33. averoid barometer 29.95. Patent log 36.3.
Signed. W. M. Invin.

Noon land Examined and found to be correct. Dec 3° 31' 27 N. Phase, Gull moons

Commences and witel 4 am blear and warm, Tresh bruge from 8. Wby It. Moderate sea, Moonlight, Steaming under six boilers. Distilling. aneroid 29.94. Signed. Vanwright Helogg. Lint 11 to 8. a. M. Olear and pledeant weather, Fresh bruge from S. Why S. Parometer steady, Smooth sea, Under steam, pressure Ho lbs and making 34 revolutions. German pleamer passed bound to Nand 6 dipped her golors which complement we returned in kind, Pat entlog at end of watch 57, 5, Ameroid barometer 29,94.

8 am to Meridian, Weather dear and pleasant, Moderate bruge from S. Wey S. Garometer steady. Mustered abquarters at 9.30 and exercised at arming and equipping boats. By order of bour manding Officer released 6. b. Perry (03.201) from Confinehrent, alt. stopped firing and let steam run down foreparatory to making sail, Annoid at end of watch 29.92. Patent-log 73.3. Signed, De Rus Lint Meridian to 4 J.M. Gleasant weather, Tresh breeze from S. H. Moderatesea at 12. engines stopped, uncoupled, and galled all hands make sail, Set topsails, forceail, jet and fortopmast staypail and main trypail and spouter Piped down at 12.08; brossed topgalland yards and set topgallant sails Sanked fires, Ameroid barometer 29.9. Signed, It M. Frionis Leub-Llob. P.M. Pleasant, Moderate Auge from At graditally growing lighter towards end of watch. Moderate sea, Banked fires, al 4. 45 mis-Bered at quarters, arrived 29.90. Signed, Wainwright Hellogg. Lunt 6 to 8. P. M. Weather overcast and cloudy but not unpleakant, Gentle bruge from S. W. at 6 30 look in top gallant sails, sent down topy allant yards and spread fires, at 6 45 look in square sails. at of 10 started ahead with the engine taking in the fore and left earls and putting the shep on the Course & It / s by order of the Caplain. Under plians, pries we Holbs, making 38.5 revolutions. But over patent log when the engine was planted, it showing 73.3; at 8 it showed 78.1. aneroid barometer 29.93. 8 P. M to Gridnight, Weather overcast Gentle bruge from S. W. Barone elev steady, and at end of watch 29.93. Steam 35. Pers 39. Patlog 1.06. Signed, Oss Res. Deut

Novelorid Examined and found to be correct.

Phase, Full moon

Tiens Navigator.

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Commences and until 4 a. M. Cleasant weather. Moderate bruge from S. M. by S. Garometer steady. Steam 35 lbs. Revolutions 34. Ameroid barometer 29.93. Patent log 21.6 Signed. W. M. Andrewin. Lieut 1 to 8. a.M. Pleasant weather antil 5. when a driggling rain set in and from 6.30 to end of watch heavy showers. Sight breeze from 8. It by S. Smooth sea, Steaming under six boilers. Patent log 45. B. Ameroid 29.98.
8 a. In to Meridian. Heather over ast and rainy Gentle bruge from West hariling to It by It. Garoneter rising, Under steam, and fore, and atteail Revolutions 38. Steam 39. Smooth seat. Patent log at end of watch 71.8. aneroid barometer 29.98. Meridian to 11 P.M. Meather obercast and rainy, clearing last houry watch. Sarometer steady. Light winds from Sand Wes, al 12.55 took in maintry eail. At 3. took in all fore and affeail, Ameroid at end of watch 29.96. Steam 42. Revolutions 42. Patent log 102.5. Leut Light airs from & M. Smooth sea. Mustered at quarters at 11. 45. Steam 42 lbs. Awolutions 1/2, Amerood barometer 29.97.

Signed. W. M. Trivin. Level aft sail and at 7. 30 took it in Smooth sea, Steaming under sia boilers. Aneroid 29.98. Patent-log 36, 2. Aneroid eggs. Patent log 36, 2. Signed. Prainwright Sellogg Lewb I Pm to Midnight, Clearant weather Light bruge from S. S. H to S. S. 6. Smooth sea. I prometer rising. Under steam and fore and aft sail. Our shetions 42.5. Steam 45. Patentlog 68.8. Averoid barometer eq. 98. Signed, Karl Robert. Fint Moon & mid Examined and found to be correct. Dec. 110311'43' H. Phare Last quarter

Commander a. So. M. Comict under the command of , U. S. Navy, Thursday July 17. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until Ha.M. Weather overcast and rainy at beginning of watch partly cloudy and pleasant latter part, Gelite brieze from Sa, Garometer falling. Set main topmast staysail at 3.05, anirvid Jatend of watch 29.95. Steam 38. Aws 43. Patent log 29.96.

Link Signed b. C. Rus. Link the South bruge from South, hawling to SM. and falling light at 7.10 sighted two islands on starboard beam bearing pe, A Hy It, Sighted several sail during the watch. at J. set foresail and at J. 45 took It in and all for and aft sail. Aby. 45 changed course to & What. Steam 42. Revolutions 41, Patent log 33. America barometer 29.96. Sighed. N.M. Irwin . Level 8 a. In to Mere dian. Dlear and hot. Light variable bruge from S' and It alg. 15 mustered at quarters. at 1145 bet fore and aft Sail. Steaming under six boilers. at 10 sighted land 1/2 points on starboard bour. at end of watch land bore Hby S. Patentlog 64.5. aneroed 39.95. Signed Wainwright Kellogg. Teust Meridian to 4. J.M. Weather gleber and pleasant, Light breeze from It to N. C. Barometer falling. Smooth sea, a Chinese gunbout passed bound to No and 6. a universe of juntes in sight found in different directions. Land in sight on starboard bow and beams at 12.15 by order of Capitain changed course to S. W/4 N. patent log reading 66,7 knots. Iwin about light house bore NIV by W. Under steam and fore and fore and aft sail, The Hz. Steam HI. Patent-log 97.2. Aneroid barometer 2990 4 to 6. O.M. Weather glear, and wohn, Light breeze from No and E. Barometer steady. at 400 a Chinese gunboat passed standing to de and Ed. Mustered at quarters at 14, 45. at 4, 15 set foresail. at 435 set fore top-sail. Ameroid at End of watch 29.88. Steam 41. Revs. 43. Patentlog 13.9. Surnabout light bore Aby 6. 6 to 8. PM. Clearant weather, Gentle bruge from Eby N. aly sighted Ocksean light bearing foo! It. S. W. at 8 It bore W/4 A. atg. to took in foresail. fore topsail and fore and aft sail. Steam 43 lbs. Revolutions 13. Palent log 31.2. aneroid barometer 29.91. Signed, I. M. Irwin. Lund 8 P. In to Midnight, Clear and pleasant, Light bruge from A. Smooth sea, alg " Ockeran light bore NN 14 M. alg changed fourse to S. W by W/4 Dt. at end of watch Ocksean light bore No/4N. Palentlog 65. S. Steaming under six boilers. anerold 29.92. Signed. Wainwright Killogg. Leist Moonland Examined and found to be correct.

Dec 140 53'17. N. Phase, Lastquarter my transky Level & Navigator.

Level & Navigator.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4.a. M. Weather glear, and pleasant, Gentle bruge from N. Garometer steady Smooth sea, als I lost sight of Ocksean light bearing (pc) N. 61/4 6. Harometer steady. Smooth sea, at 200 sighted from aloft Dog Island light about one point on starboard bows and at 3. eighted it from deck two posits on starboard bour. Under steam, levs 40 Stetum 35. Patent loggy, 1 Knots. Oog Island light bearing per at end of watch It/2 S. Aneroid barometer 29.40. Signed, Rarl Rohrer, Lut I to 8. a. M. Weather glear and pleasant, Gentle bruge from to, Barometer teady. al-5 sighted Chapel Island bearing S. Whey W. and changed course to Hest, Rodds Island light bearing A. A. It / Mr. all sighteda parish man of war on port bow. at 7. Alanged gower to My At, at 7.25 to Hby N and stood for anchorage in any harbor. at 8. Jae San light bore Aby & and Joing Sen light W/NIN. Ameroid Stand of watch 29.93. Steam 38. Post 44. aM to Meridian. Clear and warm. Bentle breeze from S. Slanding in for anchorage in among harbon, steering various courses. Slowed down at 8° and called all hard do bring ship to anchors. at 9" slopped and let go Marboard wichor in 10 fathobis of water, vering to 30 fathours on starboard chain, Bearings of anchorage, Comwallis Abek. Eby N. Aed and White buoyon bocker Rock, Aby M. /4 W. Ships head AW by N. Ships draft ford 13 ft, aft 15 ft giv. Sanked fires. Received an official visit from US. bouself and from 96 & MS. Champion. Sent an officer to board the spanish frigate "Oragon to tender the usual courtesus she having come in and anchored after us. al 9.20 crossed topgallant and royal yards and loosed sail to dry by Engineer Q & Mt Cartrey and Payskaster 2. A. Morke left the ship to salect and buy goal. arrived baronseter 29.89. Signed, M. M. Frevin. Level Meridian to 11 P.M. Clear and warms Gentle & & breezes. Slightfall in barometer, at 3. commenced goaling ship from lighters, Uslansul left ship at 12th, Commanding Officer haid an official visit to HBUS. Champion, and to Spanish ship avagon, Ameroid barometer 29.86. Signed Ot. G. Hamum. Gusign. 4 to 8. O. M. Clear and pleasant, Light bruge from & S. O. alb. 30 febred Rail, acciving goal, atend of watch secured to tons, aneroid 29.86. 8 PM to Midnight, Weather clear and pleasant, Fight brilge from 6 S. E. Garoneter rising. Fires banked under six bollers. Finished coaling at 11. 45, having taken in les tons, Swing to ebblide at 9.15. aner-Ad barometer 29.87. Signed. Narl Roher. Hoguland Examined and found to be correct. Phase, Lastquarter M. H. Varthere

under the command of Commander a. H. M. Commick Saturday. July 19 , U. S. Navy, , 1884. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until H. a. M. Partly cloudy but pleasant with light airs from S. W. first half of watch and from A. Salling bar-opeler. Ebb tide. and roid 29.86. Signed. U. J. Sears. Ensign 4 to 8. Weather clear and pleasant Gentle breeze from S' and H. Barmeter steady. Called all hands up anchor at 5, got underway at 500 and stood out of harbon bound for Hong Kong, Hook departitre at 8. Chapil Island light bearing N & by St. 18 M distant 2 miles. Shaped course S. Il by S. Ships draft, 118' 8" ford, 15' 10" aft, Ameroid at end of watch 29.85. Steam 47. Revs 43. Patent log 48.5. Signed, Porkers. Level Lea, Garometer rising slowly. at 10 so stopped the engine on account of hot bearings. started aheled at 10.40. a number of islands in eight on starboard side. Steaming under eix boilers. Steam pressure 47 lbs. Revol utions 47.5. Ameroid basiometer 29.81. Patent-log at end of watch 79. Meridian to 11 P.M. Clear and hold, moderate breeze from S. IV. Smooth sea, at 105 changed course to S. W/4 W. and at 3 to S. W /4 W. al 2.15 sighted Lamock Island two points on starboard bows and at end of watch the light-bore NN W / W. Steaming under six boilers. Omeroid 29.78.
Signed. Vainwright Kellogg, Luit
4 to 6. P.M. Weather clear and pleasant with stiff breeze from S. W. Dy worder of Captain changed Course to WS W. at 5th. at 6 O'block Lamock light bore It fr. A. Steden pressure Holbs. Clevs 43. Patent log 26.2 annoud burometer 29.78. Parometer falling clowly, at Hos sent down top gallant and royal yards. Signed. Hast Cohres. Limb 6 to 8. O. M. Weather partly dondy and warm. Gentle bruge from & It. Sarometer low and steady, Threatening looking weather to or latter part of watch. Ameroid 29.81. Steam 43. Aws 48. Changed gourse at 7.45 to S. W. Patent log at end of watch 40.1. 6. P. Aus. Linds Signed. 6. P. Aus. Linds Linds of Watcher. Moderate breeze from S. H. Levelby It. Lightning to the It! At 8. 10 Righted Cape of Good Hope light bearing by Compass Not by It. it bore abeam at 11.00. at 8.10 Changed Pourse to It S. W. patent log reading 43. at-11 45 sighted Breaker Point-light bearing for West, Steam Holbs. Revolutions 39. an-ervid barometer 29.83. Patent log 66.1. Stand. M. M. Srivin. Level oon Louid. Examined and found to be correct. c. 18°33' 31"70 hase Last quarter. Most rank Livel & Navigator

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4 6 6 PM.	Clear an	ed warm	Libet brus	e from It by S.	Smooth
era Steam	ing under	sin boiler.	1 Premis	29.75.	,
	of second		Signed	Chainwright Hell	Jana Fruit
1. 45 DOn.		11		71	Mil DI DOL
010 x 1 8W.	bleavano	blinsmul	- weather (1)	Voderate breeze	from Might
Barometer 1	blear and	pleasant at 630	weather! It	Plainwright Hell Moderate breeze	rosed to be
Carometers	ising slow	ly at 630	sighted wh	igh peak supp	rosed to be
Garometer & Pedro Blan	co, bearing	ly at 630	Righted wh	Sanged Course	to Why M.
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Sedro Bland Ju N. Jiraten by order of St. revolute 8. P. M. to All from W S W. several time at end of a	dog indi bournar donight, Jahometi valch 29.80	Meather 9. Steam 3.	Righted ah M. At 6.50 of 1.8. and at 7. ficer Under learned planted blant Steering Of Steering Of Segred Signed Signed Signed	tanged Course vo to It /u S. pater Stand, pressure land Robrers. Lasant, Gentle avoid junks. C. tent lag 3.9.	Lieut Lieut
Sedro Bland Ju N. Jiraten by order of St. revolute 8. P. M. to All from W S W. several time at end of a	dog indi bournar donight, Jahometi valch 29.80	Meather 9. Steam 3.	Righted ah M. At 6.50 of 1.8. and at 7. ficer Under learned planted blant Steering Of Steering Of Segred Signed Signed Signed	tanged Course vo to It /u S. pater Stand, pressure land Robrers. Lasant, Gentle avoid junks. C. tent lag 3.9.	Lieut Lieut
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Sedro Bland Ju N. Jiraten by order of St. revolute 8. P. M. to All from W S W. several time at end of a	dog indi bournar donight, Jahometi valch 29.80	Meather 9. Steam 3.	Righted ah M. At 6.50 of 1.8. and at 7. ficer Under learned planted blant Steering Of Steering Of Segred Signed Signed Signed	Sanged Course vo to It /u S. pater straw, pressure Marl Robrers. Just S. Changed avoid junks.	Lieut Lieut

Hoove suid Examined and found to be correct. The 18 35'50' St. Thase, Last quarter

Longitude by Chronometer from Afternoon Observations ⊙		
Longitude by Chronometer from Observations		10
Variation of the Compass by Amplitude observed at Sunset		"
Variation of the Compass by at	,'	*

Commences and until I a.M. Olean and pleasant, Moderate bruge from It & W. Gright starlight Lightwing to the Of abriso Stopped and got a cast of the lead in 20 fathorns of water, soft mud bollow, started ahead again at 1.85, at 225 clopped and got another sounding in 21 fathoms of water, same bottom, Remounder of watch waiting for daylight aniable bruge in force and in direction from Id and He, Isnooth sea, at 1/2 started aheadurch six boilers. Hourse Hest, at 50 changed gourse to Hous. als sighted lighthouse on Hong Rong Island, Remainder of watch standing in toward entrance to Hong Kong Harbos. Ameroid 29.78. 8 aM to Miridian. Neather overcast and drizz ling first part of watch latter part clear and pleasant, Jarometer stitling. Fresh to light breeze from Wet It to It by A. Smooth sea, Under steams, standing left Ilong Rougharbon, Captain directing the Jourse, at 1100 game to with start board auchors in 8 fathours water, suring to 115 fathorns of chain, Searing of anchorago; (he) Victoria Peak S. W ADV h Dr. Killett Island 6 /2 S. Ships Abraft, ford 13 ft sin. Off 15 ft gim. Distilling water. An word barometer 29.97. Meridian to H. M. Partly gloudy Very warm weather. Sight WSV. Wand WN It breeze, Falling barbometer, at 300 U.S. Consul bisited the whip Distilling, Averoid baroweter 29.76. B.M. S. Lwiff got underway and steamed but of harbon at 3 45. Signed It G. Hommun. Ensign. 168 P.M. Weather glear and waters balin, Barometer steady at boo bent new topsails received from phore; found them well made unbent and rebent old ones. Pistelling. Amerold at end of watch 29.74.

8 O. M. to Midnight. Char and warm. balm and light airs from the His. Ameroid barometer 29.76.

Signed. ON M. Sriim; Lent

Novelmid Examined and found to be correct.

Thase . Last Dr.

Tigict & Navigator.

Steamer Esses Show

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		Longi	tude b	y Chronometer from	m Forenoon Obser	rvation	s O								,	"	7
		Carre	nt dur	ing the time	knots	fms. pe	er ho	nr, setting	to th	e							
		Varia	tion of	f the Compass by A	Amplitude O obser	rved at	Sun	rise							,	"	The latest
		Variat	tion of	the Compass by A	zimuth O observe	ed at									,	"	
		Water	expe	nded during the pro	eceding 24 hours									Hoo	gal	llons.	
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		Long	itude l	by Chronometer fro	om Afternoon Obse	ervatio	ns O									"	
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Longitude by Chronometer from Observations \*

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Commander a. 36. M. Conneck under the command of , U. S. Navy, Tuesday. July 22 18811 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and witch Ham. Olear and warm, with calmes to light variable airs, Steady baronieter, At 3. Severing to flood, One should baronieter 29.76.

The S. a. M. Clear and hot, Light bruge from AM, last half of watch, Receiving Coal. Abend of watch had received 70 tons On-Salt to Meridian. Charland hot, galow and light variable airs loading ship, Michael Pierce was enlisted as ordinary seamon for critise. Donin anding Officer left ship to pay official visits. Ameroid at end of watch Dy. 80.

Meridian to 4 P.M. Weather clear and pleasant. Light breeze from N I to S. W. Barometer steady. Sinished Coaling having taken en one hundred and fifteen tons the american ship Southern beass came in and anchored, Received on board a goil of line for patent log. Fires banked under two boilers, Ameroid barometer 29,97. 11 to 8. O.M. Garthy cloudy, very warm weather, Light S. W. breeze, Steady barometer at A. 45 mustered at quarters, Captain of German Gunboal Nautilus visited Donkmanding Officer officialy, Re Quived in Engineer's Ocht. 50 galls Ten Offahd Sgalls boiled oil, Overvied barometer 29.78. Fries banked under two boilers. Ensign! 8 9. In to Midnight, Partly ofondy and warm, with light to gentle bruge inthuffs from S. W. Sarometer rising, Lighthing to the A pat intervals, Fins banked under 2 boilers. Onerded b gromeler 29, 83. Signed Edward Lloyd fr. Ensign bowl mid Examined and found to be correct. 14°57 32 A. ase. Sast Dr.

Variation of the Compass by Amplitude

Variation of the Compass by -

observed at Sunset

at

LOG of the United States Steamer Ssee

3 Rate, 6 Guns,

				Hou	rg.	M	ong.	1	5-11	ш	a			1	
				WINDS.	/		BAROME	FER.	TEM	PERAT	URE.			Pear Se	
lour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	1000		Air Dry Bulb.	Air Wet Bulb.	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.
M.		4				7								400	
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OII.	,		"	"	2		29.83	85	85	81		be	"	3	"
	Distar	ce ru	n by Log since pre-	ceding Noon									knots	fath	oms.
			D. R. at Noon	8 2100									o	,	"
			y D. R. at Noon											,	"
]	Latitu	de by	Observations at N	oon O										,	"
1	Longit	nde b	y Chronometer fro	m Forenoon Obse	rvation	s O	1							•	"
			ing the time				nr, setting	to th	е						
			the Compass by A			Sun	rise						•	,	"
			the Compass by A		ed at								11	-	"
	Water		ded during the process tilled		rocodina	- 94	homes						45		llons.
			ining on hand fit for		cccani	5 21	nours						210	,	"
			ned during the pred									3	tons 16		lbs.
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Iid.	"		"	"	2-3		29.84	84	82	80		"	"	9	"
	Longi	tude 1	by Chronometer from	om Afternoon Ol	orust!	000									
			by Chronometer from		ervation	18 0	*						•		"
			sul Committee in			7000							-	1	"

Commences and until 11 a.M. bloudy with passing showers latters part and frequent lightning. Moderate bruge with frequent strong puffs from the South. Ancivid bazons elv 29.83.

It to 8. a.M. bloudy with light bruge from S. M. blowing in frish equals from O. S. W. first part of batch, Asing barometer, Redd in Pay Beff 160 lbs fush beef; Heo lbs begetables and 108 lbs fresh bread, Ensegn N. J.D. Halpline reported for duty. alix autow. (OS) and Henry Thompson, Sea, reported on board for desty having been transferred from Palos!
Signed It. J. Sears. Ensign
8 a. M. to Meridian. Cloudy. Light showers last hour. Light to diod. erate bruge from S. It to S. Mby S. at 9.30 mustered at quartets. Shipped the following named men for the grusse, Andreas Bous, Ids I barl J. Sehrens. 90 16 Chan ah No. Ids! John Caspersen. 10%) august Freder icksen (696) Frang Beckman, 6961 Heinrich Gilgen. CNI John Holtzen 6.76.1 Swew Karlster, Colo. 1 Herman Seivers. Ids, albert Hilson 1696, James White (6He) Otto Wanberg DA) and you al Woon, Ids) Received stoves in Pay Ocht, america 29.88. Received an official visit from English Commanding Officer Signed Dainwright Selogg Leut Meridian to, 4 P. Ab. Fair and warm, Gentle S. H Solige. By order of Commanding Officer, Thomas Trainors, & G. Mato) was donfinedin double wons for safe keeping. Received on board 5000 lbs of bread. annoid barometer 29.83. Kirama Satter was enlisted as landeman for cruse Three Churese gunboats came in and anchoved, am-Derican mail steamer Tity of New York left the harbon. 1 to 8. P.M. Weather pleasant, Light breeze from S. W. Garon ter Sent down topgallant and royal yards and unbent light sails. Reserved on board boo gandles in Department of Navigation. and vid barometer 29.90 Signed. Karl Cohrer, Leut 8 . M to Midnight, Weather partly cloudy and pleasant, Sight variable airs and calms. Barometer steady begandistilling at I and stopped at 11th, Ameroid at end of whiteh 2/90. Dis changed on account of the Theriese restriction act, an Shang WRD) ah Kong ( Ob) ah Walk (Carp.) ah King Painter Chawlohing Ids, and ah Look, Ids , also, at his own orguest To do roke you hirigoo. Ids! Signed. Mooul mid, Examined and found to be correct. Pec 11º 43 01 N. Thase, New moon, 12 V. Varken Level & Navigator.

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

Steamer Essex Hong Koria bhina

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		Longi	tude	by Chronometer fro	om Afternoon Obse	rvation	15 0									"	
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						-		777	-					The Party Laboratory of the Pa			

Commences and until Ham, Generally cloudy and gool, with light to gentle breezes in puffs from S. S. It to Sby M. Light showers last half of watch, at 3. so started fires under six boilers, Reding to ibb. Onervid barometer 29.90. 11 to 8. a.M. Overcast and cloudy with frequent showers. Gentle bruge from S. hauling to 6. Made preparations for sea, ato hove in to 30 fathous on starboard chain, ship commenced to drag; let go portanchor at 5.45, balled all hands up anchor at 5.53 and hovelup starboard auchor which came up foul, three livers around the stock and three aovered one flerte, gleared and secured it and hove up poit anchor, at 6.55 started ahead one bell, rang four bells at 7.20. at 7.35 put ship on course I by It and put over the patent-log Steaming under six boilers, Ameroid baroweter 29.96. Patent log 30. 1 Signed. N. M. Inview. Levet & a. M. to Meridian, bloudy, Pleasant weather. Occasional light Equalls of wind and rain. Rising barometer. Changed gourse frequently until 9.12; at that tinte took departure, Samoan Islas bedring (pd) A. W by It of It, distant-one mile, and set gourse S. W by S. Patentlog 17.2 miles, at 9.15 mustered at quarters, at 11. housed topgalland masts. Versel on course at end of watch, austrain 54 avnols. 48. Patent log 36 miles, averoid baron eter 29.94. Signed. It & Harmun. Ensign Meridian to 11 P.M. Weather, damp and cloudy. Gentle bruge from S. W to S. S. W. Garometer steady. Steam 47, Red 46. Pat log 65, aniroid 29.92 Signed. Karl Cohrer. Leut 4 to b. C.M. Weather overcast and warm, Gentle bruge from S. S. It. Bar 29.92. Stram 45. Per Ho. 6 to 8. P. M. Weather pleasant, Moderate briege from S. S. M. hawling to South, Set jib and fore topmast-stayeail at 7. Steam 43. Revs. 42. Fan-ervid barometer 29.95. 8 P.M to Midnight, blowdy bleasant weather. Moderate Sly bruge, shifting to S. M last how. Barometer steady. at-11. Tooksin fore pard of eail, Palent log at end of watch 20 miles. av. ows. 42. an steam. Holbs. averid barometer 29.95. Signed IV. G. Hannum. Ensign

Moon I mid Examined and found to be correct. Dec 7° 52' 39" N. Phase, Aus moon,

Legice Led Navigator.

Steamer Essea 31 Rate, 6 Guns, LOG of the UNITED STATES Making passage from Bug Kong China to Singaporo Straits Settements TEMPERATURE. Hour. Knots. Courses steered. Direction A. M 29.83 85 84 82 85 bel 29.83 85 83 82 844 3 8 29,83 85 83 83 84 be 3 29.83 86 83 82 84 4 4 5 29.83 8584 82 86 4 0 29.85 84848285 11 3 29.85 84 84 82 86 3 29,86 84 84 82 83 3 29.88 86 84 82 85 3 29.88 84 85 83 83 0 10 3 29.88 87 86 82 83 6 11 3 29.88 84 80 72 85 Noon. 168 knots 9 fathoms. Distance run by Log since preceding Noon 19.19.00" Latitude by D. R. at Noon 112 " 11 '00" Longitude by D. R. at Noon Latitude by Observations at Noon O 112 0 16 '00" Longitude by Chronometer from Forenoon Observations ⊙ Current during the time O, 3 knots — fms. per hour, setting to the 1099 Variation of the Compass by Amplitude ⊙ observed at Sunrise 1000.8" Variation of the Compass by Azimuth ⊙ observed at 8, W W. Water expended during the preceding 24 hours 390 gallons. Water during the preceding 24 hours Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours 16 tons /600 Coal remaining on hand at Noon " 2130 P. M. SHXS. gir Cum 821/28 3 29.86 84 87 83 85 38 Set fore and aft sail 29.85 87 87 83 85 29.83 87 87 3 83 85 3 29.83 87 87 3 Tool Cinforcand afteaul 29.83 85 86 83 85 3 0 " Set job and spanker 29.83 86 85 83 85 3 29.83 80 85 83 88 5 09.83 85 84 8184 Tookin jib and epanker 29.84 86 84 80 84 3 10 Oir Cum 11 3 3 Mid. Longitude by Chronometer from Afternoon Observations ⊙ Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by ag O

at 4 pm,

Commences and with 140 Mb. Weather glear and pleasant, Moderate bruge from S. M. Saronetin Stady. Mender steam, press, 14 lbs. over 12. patent logat und of watch 149. Asknowle baronselin 2991.

1 los. a.M. Meather clear and pleasants, Eintle bruge from S. S. M. Garonelin press, at end of watch 2995. Steam 158. Revs 116.

Catentlog 79, 20 Ligard. Digard. Digard. Drys. Steam 158. Revs 116.

8 a. M. to Meridian. Blear and warms. Moderate bruge from S. S. M. Smooth sea, Inspected generalists at 9.15. Steam 50 lbs. Aus from Confinements. 2995. Catestrog 12. Cleased a. B. Griev. Sed from Confinements.

Meridian to 11 P. M. Bloudy pleasant wather. Gentle benoderate by S. M. to Sty bruge, Calling baroneter, at 12.30 changed course to S. M. to Sty bruge, Calling baroneter, at 12.30 changed course to S. M. to Sty bruge, Calling baroneter, at 12.30 changed course to S. M. to Sty bruge, Calling baroneter, at 12.30 changed course to S. M. D. Weather slove, and set call bessel on converge from S. to S. M. Dearoneter steady. And pleasant, Moderate bruge from S. to S. S. M. Dearoneter steady, And pleasant, Moderate bruge from S. to S. S. M. Dearoneter steady. And pleasant, Moderate bruge from S. S. S. M. Dearoneter steady. And pleasant, Moderate bruge from S. S. S. M. Operoneter steady. Maderical pleasant, Moderate bruge from S. S. S. M. Operoneter steady. Cook in forgand aft eail at 1500. Americal at end of watch 2922. Steam 149.

S. M. to Midnight, Pleasant Section. Gentle bruge from S. S. Smooth sea, Mann the S. S. Sugard. M. Bruin. Diest.

Smooth sea, Mann 145 lbs. Ow the Security Course of the Security Security. Security S. Sient.

Moon Smid Examined and found to be correct.

Dic 3° 43' 50" N.

Phase, New moon,

Link & Navigator.

nnder the command of Commander a. 36. 76° Comment, J. S. Navy,

Saturday, July 26, 18811.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until H. A.M. Partly gloudy and pleasant. Light to dente S. S. Wand southerly bruges, Falling barometer al-1. 30 set for and aft sail. Vessel on course at end of watch. Steam 46 lbs. Pirs. 45. Patentlog at end of watch 35 miles. aneroid barometer 29.90 I to 8. a. Mr. Heather clear and pleasant, Sight to gentle bruge from S to Sby W. Barometer steady Under steams and fore and aft sail, Steam 145. Rivs. 45, Patent log by, aneroid burometer 29,92 8 a.M to Meridian, Weather party gloudy and warm. Gentle bruge from S. S. I to West. Baromette steady. Took in fore and affect at 9.00. Stopped engine to lake lounding at A. 00; started ahead at 11.10 the indication of shoal water having proved deceptivo, ameroid at end of watch 29,92. Steam 47. Revs 45. Patent log 97. Pers. Level-Miridian to 4 P.M. blear and warner, Light airs from Sby E. Smooth Rea, at 1230 ghanged gourse to South. Spatent log reading 101. Fook in fore and aft sail Steam 47. Revs. 46. Patent log B1.5, anshord barometer 29.88. Signed, Jr. M. Spever. Level 11 to 6. O. M. Warm and pleasant weather. Light S. E and S. S. E breeze, Barometer steady, Vissel on course attend of watch, Ov. eterno. 46. Revs 46/2. Patent log 49. Ameroid barometer 29.87. 6 to 8. P. M. Cleary and pleasant, Gentle to moderate bruge from S. 6 to 6 S. 6. Sarometer steady Smooth sea, Under steam and fore and aft sails and foresail, Steam 50, Rev 149.5. Patent log by kinds. aniroid barometer 29.88. Signed, Start Robrer. Zeut 8. P. M. to Midnight, Weather partly sloudy and pleasant, Gentle bruge from Sid and Wid, Sarobreter strady. Took in foresail at 10, and main Injeail at 11. Averved at end of watch 29.90. Stram 118. Revs 46.5. Patent Loty 102. C.O. Chus. Quel-

Norn I mid Examined and found to be correct.

Dec 0'27'63" S

Phrase. New moon.

Helet & Navigator.

Commander a. H. M. Connick , U. S. Navy, under the command of Sunday July 27. 1884. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until H a.M. Phasant weather Gentle bruge from S. S. Chauling to South, Smooth sea, Steam 47 lbs. Obve 455.
Ameroid barometer aggio. Patent log 34 Knots.
Light Spring. LientH to 8. a. Mr. Gartly cloudy. Aleasant weather! Light Sly and S. S. W. bruge, Ribing bakon eter, at daylight sighted high land on starboard bour and beam. Vessel on cogerse attend of watch. av. etiam 48 lbs. Rivs. Hy. Patent log by miles. Ameroid Burom etis 29,93 8 a. M. to Meridian. Weather char and pleasant, Moderate briege from S. W. Under steam and fore and affeail, at que musteredat quarters, Land in sight on starboard beam, bow and quarter Barometer steady. arrived barometer 29.81. Steam 48lbs. Revs. Hy. 5. Patent log at end of watch 103 Knots! Karl Pohrer. Lewet Meridian to H. P. Mr. Weather clear and warm, Gentle bruge from Sit and Wit. Barometer falling. Jook in main trysdil at 12.30. Changed course to & /n 6. at 12 to as wood at end of watch 29.82
Steam 4. Alevs. 45, Patent log 37.

Light bruge from South hausling and barometer 29.83. Signed Windright Link 6 to 8. O. M., Clear and warm, Light bruge from Sby & to S by W. Smooth sea, Steaming inder six Boilers. Patent log 80. M to Midnight, Weather char and pleasant, Moderate bruge from S to S.S. W. Barometer steady. Under steam, making 48 probutions and 45 lbs steam pressure, Lightening attentionals Patentlog 45 Knots, an eroid barometer 29.90. Signed, Marl Cohrer. ec. 4030'02" S. Chase, New moon

under the command of Commander a. Il M. Gornick , U. S. Navy,

Monday, July 28. , 1874.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until I a. M. Weather glear, and pleasant. Gentle to moderate bruge from S. W. Moderate swell from Schaud Wid, Barometer steady bet jib, fore topmast stayeail and sharter at 12.10. Ameroid at and of watch 29,90. Steam 46, Revs 42. Link Ito 8. a.M., Cloudy, Fresh breeze from & Mr. Hoderato sea, at daylight land was sighted on starboard beam, Steam 49 8 a.M to Meridian. Clear and warm, Strong bruge from St. by W. Moderate sea, at 9.15 mustired at gelarters. at 8.45 stopped engines and let up on main botts. at 1025 steamed ahead, gowerse South, Steaming under six boilers, Patent log 59 miles, aneroid 29,90. Hainwright Kellogg, Linet-Meridian to Il P.M. Weather glear and pleas and Stoff bruge from S. W. Garometer steady. Moderate seasunning Under steam and fore and aft sail, Proposice 44 lbs and making 42 revolutions and fore and aft sail, Proposice 44 lbs and making 42 revolutions Ancivoid barowneter 29.92. Signed: Karl Rohrer. Lint 11 to 6. Out Weather partially gloudy with strong breeze from S. W. Garometer rising Took in fore and aft sail at \$1.50, Thanged course to It It If M. Ameroid at end of watch 29.92. Steam 48. Own 38. Gatent log 93.

Signed, b. Phi. Moderate sea, Steam 46.5, Revolutions 38.1. Patent log 101. Ameroid barometer 29.96

8 G. It to Midnight, Cloudy Strong breeze from S. It. Moderate S. M. to Its. 91.

Moderate Sea, Steaming finder six boilors. Oat, log 115. Ameroid 29.97

Signed Hanving Its 14.97. Signed, Warnwright Kellogg, Durt

Moon & mid Examined and found to be correct.
Dec 8° 14' 11" S.
Phase, New moon,

Tick Navigator.

Commander a. H. M. Connect, U. S. Navy, Tuesday. July 29 18811. under the command of RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Dommences, and to IL a. M. Weather glear, and pleasant, Fresh bruge from W.S. M. Sarometer falling. Moderate sea perming which ship rides easely. At 2 the engineer on watch, slowing the engine, fell off into the trough of the sed, and as the ship would not areserve her below which was put hard a starboard, supposed the sleering gear garried away, ordered an investigation and the relieving tackles hooked, the patent log hauled in and the engines to slow. Upon finding everything right ordered the patent log put over again and in obeying the order the quartermaster lost overboard the line and profullor thereof, it reading at that time Of knots. Got up another patent log and put it over at 3. it reading then 61 Knots and at I reading 63, g Knots, and reting pressure 48 lbs and making 37 revolutions, arrevold barometer 39.91. Karl Rohers. Liet. 11 to 8. a.M. Weather gloudy and warm with fresh breeze and stiff equalls from Spand W-, Garometer rising. Cauled in Bliss logal 8.45 Registering 70.1 miles and put over Walkers showing 21 miles, aneroid at end of watch 29.98. Stram 48. Aus 38.7. Gatent-log 25.8.

Signed, b. P. ales. Link Signed. C. als. 8 a M to Meridian. Overcast, and gloudy with light driggling rain latter part, Fresh wind with frequent squalls from It & M. Hough era, Sacometer steady. at 8. 30 Galled all hands and fidded topgallantmasts, Set fore top. must stay sail and maintry sail loosed fore and main topsails, but one reef in the former and two in the latter and set them and kept ship by the wind, ab q, 45 banked fires under four boilers, keeping two fordistelling purposes. Stopped steaming and hauled in patent log reading 32.5. At 110 started distilling. android barometer 30.00. Quel-Signed, H.M. Inview. More de an to 11 P. M. Cloudy Strong breeze from USW to Why S. gradually dicreasing to fush bruge at end of watch. at 12.30 had a strong squall from It S. W. Parted foot rope of forwail and split-sail, unbent it and bent new fore-sail, all 130 set double rufed topeails. Moderate sea, Banked fires. Ameroid 29.95. 1 to 6. P. M. Weather pleasant, Fresh bruge from Why I to OKS V. Garometer steady. Fires banked, Distilling water. Moderate sea running which sheh ridideasely anivoid baroweter 29.96. 6 to 8. P.M. Weather cloudy and Equally. Moderate breize from HSM. Barometer steady. Non ship at 7.20. Banked fires. Ameroid barometer 29.98 8. O. M. to Midnight, Party cloudy, thru atering rain! Lightning to Ed Distilling. aversid baroweter 30.00. Signed, WH Trevin. Lunt loow onid. Examined and found to be correct. Quo. 11° 82'38 S. Thase First quarter! MARask Lieub-& Navigator.

Commences and until 40 M. Cloudy. Strong brugo for	191
Commences una unice to a convery. Survey vriego fre	m 0.71.
Moderate sea. Banked fires, Ameroid Idage. Signed. Mainwright Stillogg,	Link-
	win ter
Ho & a lo Measner price and, Opish vriego from s. M. Sjan	
steady. Stopped distilling and hauled firs under two boil	cers, Overs
banked under six boilers! Ameroid barometer 29.95. Signed. Hart Robert.	a',
8 aM to Meridian Meather diar and pleasant, Moderat	to la accordance
8 am to Meridian Flearnir gua puro pleasans, shoomal	e loganie
breize from S. It. Garometer steady. Mustered abquart	ary de
Shoot reefout of foresail and one but of lopsails at 10.10.	convoca
atend of watch eg, gh under banke a fires.	Q: L
Minidian to 4 P.M. Pleasant weather, hazy, Trush bruge	June 101
Mindianto If J.M. Oleasant weather, hazy, Trish briege	from py.
to S. Wby M. Moderate sea, at 12. 110 shook rais out of topsails,	out ion-
gallasteails, grossed top gallant pards and set the sails.	el-jeb
and spanker. at 3. 40 main topsail split, furled and unbent it pe	novent-
new one; look in and furled topigallantsails, alarge pleasurer she	owning
British colors passed heading to Sit. anivoid baroweller 29.90.	0.
signed I. the shive	Juni-
4 to 6. P.M. Cloudy. Tresh breeze from S. Mby S. Moderate el	di, cle H. Ho
mustered at quarters. Set main topsail Took of infore topsail, an	a jus.
100 2 11.00 11.00 11000	The second secon
Signed . Ramwright Allogg.	1-1
6 to 8. O.M. Clear and pleasant weather. Bruge fresh to modera	e from
I why I Consomiler strady Juris banked under lite voilers. Ship	unauxaic.
Will a drie a de all valle wart of watch. (In erved barowelle al	1.90,
8 O. M. to Midnight, Meather cloudy and equally. Wird fresher	Tunt.
8 . In to Midnight, Weather cloudy and equally, Wind frisher	ringioa
mander ale sal valled mast by walch ourowell pulling. at 11. Ho	meran
of the love take wast slausail Correct away; hauled nown and	owea
the sail ball double shorten sail fet 11 - fund fellice fair	en rop-
Rails for reejing. Ameroid at end of watch og. 93. 6. P. Rus.	4.
signed, O. O. Suis.	Livet-

Novelanis Examined and found to be correct.

Dic 14° 19' 14" S.

Phase, First quarter

Moowland Examined and found to be correct. Oic 16°29'03" S. Thase, Gwist quarter , 188//

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until IlaM. Cloudy and gool, Strong bruge with

frequent equalls from S. It. Olose brujed fore and main tops sils, single reefed foresail, sent down top gallant yards bent and set fore storm playsails hauled down, and stowed jeb and bout storm mizzen. Ameroid bar, 29,88.

Lio 8. A.M. bloudy, glearing last hour, Strong bruge with occasion al equalls from & May S. Moderate sea, Banked fires under six boilers.

Arteroid 29,92.

Signed Warning alt Helloga Link Signed, Vainwright Hologg. Lint. 8UM to Meridian. Olear and pleasant weather, Stiff breigs from SSM. Barometer steady Stanled fires, love off new main lopsail reflactles. On word barometer 29.92. Meridian to H. P.M. Weather partly cloudy and pleasant, Strong & 1. moneron, Garveneter steady. Hodoing found it impracticable to make headway against strong monsoon and sweet wore around at 300 and shaped course for Hong Kong, standing NEIn 6 (se) Took in main topgalland pards. An ervid at end of watch 29.89.

Lob G. M. Choudy and evol. Fresh bruge from S. S. W. Moderate

sea, at 1120 shoot one my out of foresail, live sups out of fore top
sail and one my out of main topsail. Mustered at quarters at

11. 115. An ervid baronseter 29.92.

Signed. M. M. Irwin, Lind

List Committee around by a grant Strong bruge from S. S. W. Moderate 6 to 8. O. M. Clear and pleasant, Strong bruge from S. S. M. Moderate sea, Ameroid 29.93. Patentlog 68. Sighed Warniwright Kellogg, Linet 8 P. An to Midnight, Clear and pleasant, Fruze etwaring in equals from S. S. It, Brioweter steady Beavy dew. Patent log attend of watch indicating 10 knots, Moderate sea number which ship redeseasily. andoid barometer 29.96. Signed. Starl Cohrer.

Longitude by Chronometer from Observations

observed at Sunset

at 11 pm.

· 80 '00"

Variation of the Compass by Amplitude

Variation of the Compass by ag O

Doniniander a. H. M. S. Navy, Friday August 1, 1884 under the command of RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communes and until HB.M. Okeather char and pleasant. Fresh to moderate breeze from S. S. M. Parometer steady Sugrows ing smooth. Ameroidatend of watch sags. Plus. Light erate sea and ship rolling easily. at 4 fulled and unbent foretop. sail, the port rope having parted, Bot up, bent and set the new fore top sail, at 500 set main topagallantsail. at 600 shoot out of main topsail. Aneroid barometer 29.98. At end of watch patent log spowed by knots. Signed. 8 AM to Meridian, Clear and Darm, Moderate breege from S.S. It. Moderate sea. Al q. 30 mustered at quarters. At 10. crossed royal gards be and set the sails, Gested lefo buoys. Ameroid 29,98. Meridiante H. M. Blear and placeaut weather, Moderatebruse from S. It to S. It bey It. Barometer falling, Sprooth sea, Patentlog Schowing 19 Knots at end of watch, anerold barometer 29.93. Hob. M. Weather glean and placeant, Moderate breeze from S. Why W. Smooth sea, Americant end of watch 29.3. Calcut log 31.2. Signed. O. P. Reis. Tient breeze from Steph Moderate breeze from Supple Supple Moderate breeze from S. Why M. Sea smooth, Barons eter bleady Ameroid 39.95. 8 PM to Midnight, Chear and pleasant, Tight bruge from S. H. by H. Smooth Sea Bright moonlight, abserved 29.95, Patent logat and of watch 63 miles. Signed Nainwright Hellogg, Lint Toon and Examined and found to be correct.

Die 17° 55' 48" S.

Phase, First quarter

LOG of the United States Steamer Essen , 3d Rate, 6 Guns, at sea, bound for Stong Kong, China. TEMPERATURE. State of the Weather. by symbols. Hour. Knots. A. M. 8.9%. 16/v.N. 29.96 84 83 81 83 Pir 2 2 29.96 84 88 81 3 83 2 3 29.96 84 83 81 83 Cir Cun 2 3 29.96 84 83 87 0 83 29.96 82 82 80 83 2 3 2 2 3 0 29.96 82 82 80 83 29.99 82 83 87 83 2 2 2 29.98 83 83 81 83 1/3022 2 6 29.97 83 83 81 83 3 29.97 84 84 82 84 0 29.97 8485 83 84 2 2 6 11 29.97 84 85 83 84 2 Noon. 103 knots 3 fathoms Distance run by Log since preceding Noon 14 0 45 00 "70 Latitude by D. R. at Noon 113 . 33 '00 " 6 Longitude by D. R. at Noon 14 º 45'00" NO Latitude by Observations at Noon ⊙ 113 . 29 .00 " 6 Longitude by Chronometer from Forenoon Observations ⊙ Current during the time knots fms. per hour, setting to the 1128. Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at & a.w., 1000 '00 "6 Water expended during the preceding 24 hours 450 gallons. Water during the preceding 24 hours Water remaining on hand fit for use at Noon 1300 Coal consumed during the preceding 24 hours Hoo lbs. Coal remaining on hand at Noon 900 P. M. NE /2 St. 3 Zoum 29.86 86 86 82 84 bo 8 29.84 86 86 82 84 3 2 3 2 29.83 86 84 82 824 4 3 29.83 86 84 82 84 4 0 2 0 29.83 86 84 82 84 10 2 29.8486 83 81 84 3 29.8485 88 81 NON X.N. Cir aus 29.84 85 83 81 84 N×6/26 N94291. 29.811 83 83 80 84 NWX. N6/2 N. 29.85 83 82 80 84 20 2 29.87 83 82 80 814 20 2 11

Longitude by Chronometer from Afternoon Observations ⊙	113 . 35.00" 6
Longitude by Chronometer from Observations *	• , ,,
Variation of the Compass by Amplitude observed at Sunset	• , ,,
Variation of the Compass by ag o at 14 hm	1.00.00.8

2

29.87 73 82 80 84

2

24

Mid.

under the command of Commander a. H. M. Connick , U. S. Navy, Saturday. August 2d , 1881.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and with it am Theather clear and pleasant, Sight brugg from S. M. Garaneter steady. Monvertal 105. Heavy dew. Pathet log at end of watch showing 75 hoots, arrived barometer 1293.

I lo F. A. M. Meather clearand pleasant, Light brugg from Sd and Not. Garometer pissing, arrevid at end of watch 2999.

I all to Meridian, blear, and warm, elightly harry Lightains from N.S. M. Smooth sea, Sent down prevented brake, as Asserbarometer 2995.

Meridian to 41 P. M. blear, and pleasant, Light brugg from N.S. M. Smooth sea, at 3 set main topsail and jit. Amerid egg, Patent log 10,2 miles.

Signed. Namority sea, at 3 set main topsail pud jit. Amerid egg, Picut with 6 P.M. blear, and pleasant, Light brugg from N.S. M. M. Sworth St. S. Sarvyetter steady, Bent figure jit, and set it and the spanker, and vid barometer 29,9.

Sto F. P.M. Pleather clear and pleasant, Oright moonlight, Light brugg from N.S. My S. Garometer steady. And Roher. Lust brugg from N.S. My S. Garometer steady. All steady by the Seasant Steady. All steady by the Super Steady. Sight brussing showers last hours. Gent bruggs from N.S. Sarvy St. S. Sarvy W. S. Sarvy St. S. Sarvy S. S. Sarvy S. S. Sarvy S. S. Sarvy S. Sar

Moon Smid Examined and found to be correct. Lec 18" 36' 35." S Chase. Girst quarter

Messel Navigator.

Variation of the Compass by

LOG of the United States Steamer Esser, 3d Rate, 6 Guns, At sea. bound for Hong Kong, China.

				- Con recu	. voun	1	~ -		n	1		1	1.	cree.			
1					WINDS.			BAROMET	ER.	TEM	PERATU	JRE.			be.		
	Hour.	Knots	cms.	Courses steered.	N. N. W. W. W. W.		sk.	Helahita	The	Air	Air	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.		State of the Sea.	Record of the sail the vessel is under at end of watch.
			Patho		Direction.	Force.	Leeway.	Height in inches.	att'd.	Dry Bulb.	Wet Bulb.	nt surface.	by symbols.	ay moois.	Prop Sky,		
	A. M.																A Comment of the Comm
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	6	4	0	NE	NIX N.	3		29.78		12	79	84	be	,	2	"	Jook in sail
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					ceding 1400m								/	16.20		0 "	71.
				D. R. at Noon										14 016			
				by D. R. at Noon													
				Observations at N										16 . 12			2
		Longit	inde b	by Chronometer fro	m Forenoon Obser	vation	s O						/	14.10	0,4	0"	6
109	79	Curre	nt dur	ring the time	knots	ins. pe	er ho	ur, setting	to th	ie							
	-	Varia	tion o	f the Compass by	Amplitude O obser	ved at	Sun	rise						•	,	"	
		Variat	tion of	f the Compass by A	Azimuth O observe	d at	8.0	ul						10/	0. 5	0"	6
		Water	expe	nded during the pr	eceding 24 hours									11	co ge	llons.	
		Water			during the pro	ecedin	g 24	hours								"	
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				med during the pre									0-	,	00	lbs.	
				ning on hand at No									57		00	"	
				S Inna in Inc									/				ALCOHOLD BY
	P. M.	1	6	Nels Of		1									T	1	
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-	3	8	4	"	01.	1	-	29.70	8		79	84	"	"	0	*	and foresail
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n	7	9	0	"	Ć.	3		29.70	189	8/	70	984	, ,,	gun		1 ,	
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				by Chronometer fr		ervatio	ons ©	)						•		"	
				by Chronometer fr				*								"	
	-	Vari	ation	of the Compass by	Amplitude obs	erved	at S	mset						•		"	
A STATE OF THE PARTY OF THE PAR		37	40	-C-1- C													THE RESERVE OF THE PARTY OF THE

Commences and until 11 a. M. Cloudy. Light to moderate breeze from AMby M. Smooth sea, Obscured moonlight, Barometer falling slowly. Ameroid 29.89. Signed. Wainwright Hellogg Lient It to 8. a.M. Weather pleasant, Light to gentle bruge from N. to N Wby It. Garometer rising. at blighted fins under ein boilers, at 7.20 fulled all sail and at \$ 45 started ahead with the engine. But over Fraterit log showing 30 knots at 8 it showed 31. Knots and variored bar, 29.91.
8 to Meridian. Meather partly gloudy and warm, Right airs from No Barometer steady. Changed course fat 8.25 to N/12 M. Spatent log 35 miles Called fall hands to muster at q. 15 and mustered the grews. and at end of watch 29.87. Steam 54, Pers 49. Patent log 67.

Meridian to IL P.M. bloudy with passing showers. Gentle brugevary ing from Not to H. Smooth sea. Garometer falling. ab 12.20 changed pourse to N/ W. patent-log reading 70.8. al- 2. 85 Ret fore and aft sail. at 3.10 set foresail, ab 3.40 took in Amain trypail and foresail, at 3.55 set maintingsail, Steam 55. Revs 50.5. Anervid bar 29.83. Patent log 5.5. 4 to 6. P.M. Cloudy, Heavy showers of rainfrist hour of watch, clearinglast hour, Light variable bruge from 6 N. 6 to WAN. Smooth eda, Steaming under six boilers, Gatent log 24 miles. Aneroid 29.84 6 to 8 P.M. Pleasant weather, Gentle breeze from East, Baroweter steady, Smooth sea, Under steam and fort and afteail. Steam preserve 49. Revo 47. Patent log indicating at end of watch 43.5 knots. Ameroid barometer 29.66. 8 Pm to Midnight. Weather clear and pleasant, Gentle bruge from Ed, Bardweter steady. Set foresail and foretopsail at 8. to. averoid at end of watch 29.88. Steam 48. Revs 48. Pat log 80. 11 miles . Signed. C. P. Rus! Lunt Noon Smid Examined and found to be correct. It 18° 27'39" S. hase, Girstquarter

LOG of the United States Steamer Esses , 3d Rate, 6 Guns, At sea, bound for Along Roug, China Hour. Knots. Direction. A. M 1/49/ 6 x N. gir aung 8 29.73 81 80 81 83 297381 80 7983 3 6 3 3 29.70 81797983 3 3 3 29.73 8281 80 83 gir que 3 29.7582828183 3 29.75 82 82 81 83 3 29.80 82 82 81 83 11 3 29.80 82 82 87 83 Noon. 2/0 knots 3 fathoms. Distance run by Log since preceding Noon 19.56.00 "72 Latitude by D. R. at Noon 114 . 04'00" & Longitude by D. R. at Noon 20 .00'00" 70 Latitude by Observations at Noon O 114.02'00" 6 Longitude by Chronometer from Forenoon Observations ⊙ fms. per hour, setting to the Current during the time knots Variation of the Compass by Amplitude ⊙ observed at Sunrise 1.00'00"6 Variation of the Compass by Azimuth ⊙ observed at Hoo gallons. Water expended during the preceding 24 hours during the preceding 24 hours Water 500 " Water remaining on hand fit for use at Noon 15 tons 1600 lbs. Coal consumed during the preceding 24 hours 41 " 1940 " Coal remaining on hand at Noon 20000 N/2 9%. " Toostin foresail, 29.7782 83 80 N 3/49 84 Di auno 7 3 0 3 29.46 82 82 78 29,75 82 82 77 4 NEXN. 3 29.73 82 82 4 4 7282824 6 29.73 82 82 7782 2 113053 2 5 5 2 11 2 2 Mid. 114.04.00.0 Longitude by Chronometer from Afternoon Observations ⊙ Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by ag 0 . 30'00"

Commences, and until 11-a.M. Clear and pleasant, Moderato bruge from 6 by A. Smooth sea, Steam 49 lbs. Revolutions 47. Amoid bacometer 29.844 Gatent-log 19.4. Il to 8. a. M. blear and pleasant, Right bruge from Eby A. Smooth sea, Steaming under six boilers. Patail log 56. Ameroid 29.87.
Sall to Meridian. Weather clear and pleasant, Jaconsetter sing. Gentle breeze from Cby N. atg. 15 mustered at quarters, after which had divisional exercise. Under steam fore and aft sail and foresail. Ortesure 45 lbs, making 45, 6 sevolutions, arrevid barons eter 29,87. Patent logat end of watch 91, 5 knots. Meridian to 11 PM. Neather dear and warm, Gentle breeze from No and El, Sarometer falling. at-12.35 Thanged Jourse to Noff the patent loggy. Took in and furled foresail and fore topsail. Took in main trysail at 3.50. Ameroid at end of watch 29.82. Steam 50. Aws 49. Patent log 29. Signed. O. C. Rus. Juint sea, Mustered at quarters at 4.45. Unbest and stowed away for stown staysail. Steam 46.1. Revs 47, America barons eter 29.80. 6 to 8. O.M. Clear delightful weather Light bruge from ENE. Smooth sea, Steaming Luder six boilers. Patent log &, Onerved 29.85 Signed. Nauwright Kellogg. Gent 8 PM to Midnight, blear and pleasant weather. Light bruge from \$ to 6 N. Barometer steady. Under steam and fore and aft Sail, Pressure 44 lbs and making 43 revolutions. at-12 patent Log indicated 100 kusts. at 11.15 eighted the Sadrones Islands about two points on starboard bow, at 12 the Lemma Islands bore about 6. N. E and the Ladrones are in sight from about N. N. & to AM. aneroid by order of baptain Signed Karl Cohrer, Lieut

Now I mid Examined and found to be correct. Dec 170 27 31 " B. Chase, Fristquarter

The Parke

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

LOG of the United States Steamer Esses, 3d Rate, 6 Guns, altrea bound for Hong Kong, China

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					WINDS.			BAROMET	ER.	TEM	ERATUR	E.			4 6		
	Hour.	Knots.	4	Courses steered.						-			State of the Weather.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the	Record of the sail the vessel is under at end of watch.
			Fathoms		Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Met Bulb. su	Vater	by symbols.	symbols.	Prop o	Sea.	at end of watch,
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		Dista	nce ru	in by Log since pre	ceding Noon								141,	knots &	fat	homs.	
		Latitu	ide by	D. R. at Noon											,	"	
		Longi	tude 1	by D. R. at Noon												"	
		Latitu	de by	Observations at N	oon O										,	"	
							-								,	"	100-4-0
				by Chronometer fro	om Forenoon Obse					•							
-		Curre	nt du	ring the time	knots	fms. p	er ho	our, setting	to th	e							
		Varia	tion o	of the Compass by	Amplitude ⊙ obse	rved at	Sun	rise							'	"	-
		Varia	tion o	f the Compass by A	Azimuth O observ	ed at								•	,	"	Contract of the Contract of th
				ended during the pr										100	2 000	allons.	
				listilled										71	6	inons.	
					during the p	recedin	g 24	hours						10	-	"	
		Wate	r rem	aining on hand fit f	for use at Noon									83	0	"	
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-		Long	gitude	by Chronometer fr	om Afternoon Ob	servation	пв С								,	"	-
		Long	gitude	by Chronometer fr	rom Observations			*							,	"	No. of the last of
		** .															

, 1884

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ha.M. Weather glear and pleasant, Gright moonlight, Light variable winds. Baronseler steady at-1. changed course to North off It Ladrone Island and at 1.20 to 1. N. C. Patent log 11.5. at 3.34 changed course to NE fr N. and at H. to N by 6 1/4. 6. Patent log 31. Alarge humber of islands in eight during watch. Sighted Green Island Light at 3.38. Aneroid at end of watch 29.84, Steam 16. Revs 43. Patentlog 34. 11 to 8. AMb. Pleasant weather. Gentle bruge from Nov. first part calm remainder of watch. Standing in for anchorage at Stonicutters Island, opposite Hong Kong, steering various courses under direction of Commanding Officer. Ob 6.03 slowed down and at 6.06 letge port anchor in 6 fathours of water, vering to be fathours on port chain at 6.38 moored ship with 30 fathours on each chain. Hauled fires except two for distilling purposes. Ships draft 13 ft 3 in, ford; 18 ft 8 in, aft, Bearings of anchorage; East end of Stoneculter's Island & & h.S.: North and of Stoneculters Island W.S. W. Ships head 6 N.C. Signed. W. M. In. Inwin. 8 A. Me to Meridian Clear and warm Galm and light WS Wairs, Hoisted boiler into Steam Butter and hoisted out butter, Rigged out boats, at 9.30 slarted distilling. Ameroid barometer 29.89.

Signed. P. O. Bitter. Enugn. Meridian to 11 P. Al. Clear and ple about weather, Light airs from Why to S. W. Garometer steady, arroid 29.85. Distitling. Lito 8. P. Al. Clear and pleasant with light S. W. bruge, at 11. 45 mustered at quarters. Sent down top gallant and royal yards and unbent light sails. fore topmast staysail and main trysail, Got shut anchor out of hold on port bow and bent shut chain. Aneroid baronseter 29.83. 8 P. M to Midnight. Clear and pleasant weather, Light airs from A.M. first part of watch calm latter part, Bright moonlight, Barometer steady and 29.81. Qistilling. Signed. Nainwright Kellogg.

Mount mid Examined and found to be correct.

Dec 15° 37' 31" S.

Phase. Last quarter

Mortante Livet & Navigator.

		Fa				2			Bulb.	Bulb. surface.			SP		
A. M.	02	do	1104	Calm	0		29.76	86	84	79	be	air	9	8	
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4	,		6.16	,,	0		29.74	1000		79	*	"	6	"	
5	-		,	Var	0-1		29.74		82	78	,	,	6	"	
6	"		,,		0-1		29.75	82	82	78	,		5		
7	"		8.6	,	0-1		29.76		84			,	6		
8	"		,,		0-1		29.77	10000	184	1000			7	"	
9			12%	balm	0		29.77	1000	84	100000	.,	,	7	,	
10			Wxx.	,,	0		29.77	84	10000	81	,		8	,	
11	,		,	W.	1		29.77	The same	84	81		"	8	"	
Noon.	1000		W.	24.894	2		29.77		84		,		7	-	
			in by Log since pre	ceding Noon								knots	fath	noms.	The Real Property lies

Distance run by Log since preceding Noon	knots	fath	oms.
Latitude by D. R. at Noon		• ,	"
Longitude by D. R. at Noon		• ,	"
Latitude by Observations at Noon ⊙		• ,	"
Longitude by Chronometer from Forenoon Observations ⊙	-	• ,	"
Current during the time knots fms. per hour, setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise		• ,	"
Variation of the Compass by Azimuth ⊙ observed at		,	"
Water expended during the preceding 24 hours		450 ga	llons.
Water distilled during the preceding 24 hours		1800	"
Water remaining on hand fit for use at Noon		2200	"
Coal consumed during the preceding 24 hours	/ tons	2160	lbs.
Coal remaining on hand at Noon	188 "	300	"

Р. М.											
1		W	WSM	2	29.77	86	8481	be.	aioun	6	"
3		"	"	1	29.75	85	8481	,		5	.,
3	"	,	8.8.6	1	2971	87	86 82	"	,	5	4
4	,	8.8.6	8.91	1	29.73	87	86 82	,	,	4	,
5	"	648.	8.	2	29.71		88 81	,	,,	7	"
6	"		1	1-2	29.74	-	85 81	"	Pircum	6	"
7	"	8.6.	8.91	2	29.74		83-81		Ci Cum	6	"
8	"	,	,	1-2	29.74		8582	bel	,	6	"
9	"	NA6	,	2	29.76		85 83	bell	-	7	
- 10	"	WAN.	WS91	1	29.76	-	85 82	ocl	Cir and	0	
11	,	194494	,	1	29.76	80	80 82	be	,	,	,
Mid.	.,	,	loalen	0	29.76	80	85 82	,	"	4	
1	12/100		The state of the state of	-	//	79.39	300				

T 1.11 (1)				
Longitude by Chronometer from Afternoon Observations O		-	"	
Longitude by Chronometer from Observations *		,	"	
Variation of the Compass by Amplitude observed at Sunset	•	,	"	
Variation of the Compass by		,	"	

Commences and until Ha.M. Clear, and pleasant. Bright moonlight. Slight fall in barometer. Balm. Versel commenced to severing at 5.15. Clear hawse, Distilling. Ameroid barometer 29.81.

1 to 8. A.M. Jair and pleasant. Balm and light variable airs. Made freparations for coaling ship. Dommenced coaling at 5.36. Blear hawse. Ameroid barometer at end of watch 29.86.

8 AM to Meridian. Blear and warm, Sight variable airs and calms first two hours of watch, light bruge from It I'M to Hest remainder. Received on board 110 tons of coal, Finished gooding at 10. Abgloosed eail. Ameroid 29.86

Signed. Mainwright Killoga. Junt Meridian to 11. PM. Clear and warm. Light breeze, variable by direction.

Palluig barometer, Commenced to severing at 3.5. Droes in hawse, portchain on top. At 3.6 fewled sail. Sent party of liberty men on shore. Distilling. Ameroid barometer 29.82.

Signed. N. G. Kammun. Ensegn.

11 to t. PM. Clear and warm, Right variable breeze from S to S. N. Alle so mustered at quarters. At 5. hauled fires and alopped distilling. Oneroid 29.83. Plood tide during watch.

8 PM to Midnight. Cloudy. Pleasant weather. Pight S. Wand W. S. N. airs Dalm last hoor, Steady barometer. Lightly greater part of watch Visil levengat 1.00. Elbowin hawse Ameroid 29.3.

Signed N. G. Hammun. Ensegn. Signed. Mainwright Kellogg. Timb

Loon louid Examined and found to be correct. Lec 13°01'01'S. Chase. Sull moon

1.7+ Park Livet & Navigator. under the command of Commander a. 36. M. Gornick , U. S. Navy,

Thursday, August 7, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dommences and to H a.M. Clear and pleas and weather. Calm!
Barometer sleady. America barons elec 29.83.

It to 8. a.M. Cloudy. Dight airs from S Hand Calms. Ameroid 29.89.

Barometer Meridian. Cloudy. Very warm wedther. Light S. Mairs.
Drew engaged in Gear dig ship meeds and painting outside. Ameroid 29.89. Received in Engineers Department one value.

Meridian to U. P.M. Neather planch. H. B. Bannem! Ensign!

Meridian to U. P.M. Neather planch, Light breeze from S. M. to M.E.

Barometer strady. Cassing showers of raw, Clear haivse, Amerod barometer 29.81.

Los. P.M. Cloudy. Danch. Hery warm weather, Calmand light prices from Sd and Ch. Barometer planch. Plany warme weather, Calmand light prood 29.814.

Signed. M. C. Harmen. Ensign.

80. M. to Wiednight, Cloudy but pleasant weather, Light person from A. 6 to N. 6. Garometer sissing Clear hawe, Ameroid bar 29.89.

Signed. Harl Cohres. Sight price of Share Sight person.

Moviel mid Examined and found to be correct. Dec. 9° 44' 23" S. Phase Full moon!

Birth Navigator.

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

Donnences and until 4 a.M. Generally painey and threatening with light bruge from Na and Wid, cleaning weather loward glose of watch. Bleachawse. Ameroid baronseter 29.89.

H to 8. a. M. bloudy, Phasakt weather, balm first hour, light war iable airs remainder of watch. Slight vise in barometer, Clar hause Ot 1.55 loosed sail to be bowline, Ameroid 29.90.
Sall to Meridian Weather Soundy but pleasant, Sightairs from de ON NON. Garometer falling. alefo mistered and inspected, atquarters Painting ship outside Sent ashore to be repaired fore and main lopsails and foresail. Received on board in Engineer's Department 3, valve gauge lamps be scoop shovels. 6 tube brushes. I barrel of charcoal. 5 lbs black lead. 100 lamp wicks, 3 water quage glasses, 300 lbs blacks mithes Goal, 3 galls, turpertine and I quire wrapping paper. at 11.30 chortened sail Ameroid barometer 29.90 Signed. Karl Rohrer. Limb Meridian to si J. Mr. Generally cloudy and pleasant withslight fall of barometer and light breezes from Wand S. W. Cross in house. Engaged infrainting ship outside all furled sail. Ameroid baroneter bg. 86. Tokio left harbon It W. Kellogg left the ship on leave until the 11th inch.

Signed. A. J. J. Haspine. Enrique.

4 to 8. O.M. Clear and pleasant, Lightpairs from Sollo Eby S. guarters at 4. 45, brossin howse. An exoid barometer 29. 85. Signed Karl Rohrer Teut 8 9. Il to Midnight, blear, and calm with stationary barometer hawse, let & & by S. Strugth mappine ciable. And Salpine. Lint Moon Spil Examined and found to be correct.

Oec 5°56'14"S.

Chase, Full proon.

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

Commences and until 4 a.M. Weather clear and warm, balm, Bright moorlight, Garometer steady. Aneroid at end of watch 29.89  It to 8. a.M. Weather clear and pleasant, balm, Garometer steady.  Received on board fresh provisions for crew. Aneroid barometer 29.90.  Signed. Karl Rohrer. Deut  8.a.M. to Meridian. Clear warm, and pleasant, with slowly rising
Donners ences and until Ha. Mr. Weather of and
of all In the second warm, Walny Snight
movelight, Garomeler steady and at and of the tal 2000
of the survey water sy sy
signed. 6. Ches Quil
11 to a Marth walnut a 110
to o. cr. w. siens her generalina pleasant, Calin, Saromeler steady.
Required on board fresh provering the an - 0
out the constant for out. Uneroud baromeler 29.90.
Signed Karl Police Co.
I no + me time to the second
o. W. no menuan. Wear warm and pleasant with slowly sisund
barons etal and lialitaring and and a day
8. a. M. to Meridian. Olear when and pleasant, with slowly rising barometer, and light airs and calmis. At 9.30 inspected, at quanters airid bedding. Univide barometer 29.90.  Meridian to 4 O. M. Neather clear, and warm, Light airs from I. M. Quarometer falling. Ameroid, at end of watch 29.84.  Lo 8. O. M. Blear, close, and pleasant, Ab 11. 45 prestured atquarters. Olear hause, Ameroid barometer 29.90.  8 O. M. to Midnight, Neather clear, and warm, Light airs from Well. Barometer pissing. Ameroid, at end of watch 29.84.  Barometer pissing. Ameroid, at end of watch 29.84.  Lint Signed. C. Aus.  Dient Dient.
and bedding anicold barons eter 2000
2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Signed N & G. Halbing Coming
Mail to the Man Mail of the state of the sta
Therealan to I V. The teather glear and warm. Light airs from & M.
Charmenter falling Occurred atendal taling to
equition for forming when of water sy, ou.
Seaned la (4/P.
11 + 6 000 h1 1 11 1 11 1 11 1 1 1 1 1 1 1 1 1
1160. C. W. Mear, core and pleasant, alt. 45 prostered atquarters.
We and bounded Promised bound to 1000
pulationale, anerora valvinelle 29.90.
Signed All of Halling Com
a Don't and I william. In J. D. Disegnie.
& V. M. to Midnight, Weather Clear and warm. Sight airs from Well
Darometer resured. Unervidat and of watch 29.89.
l = l = l = l = l = l = l = l = l = l =
Digned. 19 J. Mis. Limit

Moon Smid Examined and found to be correct.

Dec 1047:12" S.

Phase, Full proon.

MA Parke\_ Livel & Navigator.

			(	Iff St	onicutt.	ers	0	Isla	me	d. s	A	los	ng St	ong.	10	he	wa.
				1111	wayna			BAROME					1	1	5.		
	Hour.	Knots.	i	Courses steered.	WINDS.		y.			Air	Air	Water	State of the Weather.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the	Record of the sail the vessel is under at end of watch.
			Pathoms		Direction.	Force.	Leeway	Height in inches.	Ther. att'd.		Wet Bulb.	at surface.	by symbols.	symbols.	Prop Sky, i	Sea.	
	A. M.																
(	M	on	do	NON	Calm	0		29.82	84	84	29		be	Qir	9	8	
	2		w		, euro	0		29.82	10000		1			,,	9	"	
	3				-	0		29.82	100000		11			liveum	-		
	4					0		29.82	10000		1 1		,	"	7		THE NAME OF THE PERSON OF THE
	5	,		WAW		0		29.81			79		-	4	8		
	6			6d8.		0		29.83			79				8		
	7			"		0		29.84			//			"	7	,	
	8			888.	,.	0		29.88	83	84	81		,	,	7		
	9	-		,		0		29.83	83	84	81			,	8		
	10			8828.		0		29.88							8		
	11	1		Wed.	88%.	2		29.88		84				Cir Cum	45		PROPERTY AND ADDRESS OF
	Noon.			,,	,,	2		29.88	1000	84				,,	6	,,	
								1									
		Distar	nce ru	n by Log since pre	eceding Noon									knots	fatl	homs.	
				D. R. at Noon												"	
				y D. R. at Noon												"	
				Observations at N	Ioon O	*										"	
			B. C.		om Forenoon Obse	rvation	IS O								,	"	
				ing the time				nr, setting	to th	e							
					Amplitude ⊙ obse										,	"	
					Azimuth   observe		Cub									"	
-				nded during the pr										350	~	illons.	
		Water		der daring the pr	during the pr	recedin	c 94	honre						Voc	80	"	
				ining on hand fit i		cccum	5 21	liouis						165		"	
				ned during the pre										-		lbs.	
				ing on hand at No									/11			108.	
		Coar	emam	ing on hand at No	oon								/3/	" 98	0	-	
	P. M.					T									T		
				OF	ent	1		100	"	20	-		1	eirque	,		
	1	"		VI.	201	2		29.87			80	1000	00	3cum	0	_ "	
	9	"		"	"	3		29.86	1/		80		"	"	8	, "	
	3				"	3		29.86	1/	85			,	"	1	- "	
	4	*		"	0.	3	-	29.80	/		80		4	cum	3		
	5	"		818	0.01	1		29.80	1	86	1		"	Strat	8	1	
	6	"		Est.	8811.	1		29.84	1	86	81		"	"	7	"	
	7	"		"	11	0-1		29.84	187	86		-	"	Cis cun	3 550	1000	
	8	"			86	0-1		29.81	187	88	81		"	"	8	"	
2	9			*	688	1	-	29.86	87	86	81		bel		8		
	10			"	6.	1	-	29.86	88	83	81		"		8	-	
	11			,	8+S.	1		29.86	84	84	80		"		8	- "	
	Mid.	,		,	"	1		29.86	84	84	80		"	"	9	1	
								-					1		1	-	
		Longi	tude b	y Chronometer fro	om Afternoon Obse	ervatio	ns O								,	"	
		Longi	tude h	y Chronometer from	om Observations			*							,	"	The state of the s
		Varia	tion of	f the Compass by	Amplitude obs	erved :	at Su	nset							,	"	1

, U. S. Navy,

, 1884/.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and wife the all. Balon, clear, warm and pleasant with bright moonlight, Steady barownier. Asserved 2988 attend of watch. It to F. A.M. Char, calm and warm with should asserve barownited. We have, Camerous, Camerous,

Noon Land Examined and found to be correct.

Dec 2° 30' 38"N.

Phase. Full moon

MAN Park

P. M.												1233	ı
1	"	Of	W.	1	29.89	83	84	80	be	Cir Que	-11	"	
9	1	Word	,,	1	29.811	84	84	80	"	"	3	"	
3	"	NON	Exd.	1	29.84	84	84	80	,	"	1	"	
4	"	,	,	1	29.84		84	80		"	2	"	
5	"	"	"	1	29.85	86	86	81	,	,	3	,	ı
6	"	0.10	N91.	1	29.88	86	86	81	"	"	3	"	l
7	1	686.	88 W.	1	29.85	86	86	81	,		11	"	l
8	"	,	,	1	29.84	86	86	81		"	11	"	ı
9	"	,	Calm	0	29.85	85	85	81			5	"	ı
10		"	"	0	29.86	88	86	81	-	"	6	"	ĺ
11	"	,		0	29.86	85	86	81	,		11		ı
Mid.		"	,	0	29.86	83	88	81	"	"	4		
	Longity	uda by Chronomotor for	Afternoon Obs		•		1						-
		ide by Chronometer fro		ervations							-	"	İ
		ide by Chronometer fro			*					•	1	"	-
		on of the Compass by	Amplitude obs	erved at	Sunset					•	,	"	-
	Variatio	on of the Compass by		at							-	"	1

1	ai i	1 1 1.	. ,
Commences and until 4. a.M.	Thasant L	veather, lightra	enlast-
hour. Galin first part, Light air anewid barometer 29.92 blear 11 to 8. a.M. Weather cloudy and	s from DON	emander of wa	elch.
anewed barometer 29.92. Duar	hawse.	740M 1.	
1 anni M. H. signer	d.	J. Driven.	Sunt-
Il to 8.01 M. Measher groundy and	warm, s	ight variable air	andeam
Sarometer steady. Orwat evorse	equaring 1	allines and frame	ting berth
Barometer steady. Grew at brook & dick. Ameroid, at end of watch & Sig	29.911.	600.	1.
8 am to Meridian. Cloudy Ja	med.	10. V. rus	suus.
variable airs. Steady barone	to course	win gains jun	dugni
and painting berth dick, Rece	in Line &	ged in squaring	to the total
and punning very Convind Da	or house	Lauren Degrees	memo one
Lock of nouseurs, control of.	go. Muse N	Or I dear	Engian
Meridian to 4. P.M. Cloudy!	Margaret &	altairs from 2	1 whitten
to E by M Continued worker	a on biga	ing and berthe	dente an-
to Eby N. Continued worken eroid barometer 29.93. Clear he	huse 1	and the second	
erous swarmen 29, 90, source so	Sinned	W. M. Fruin	Sient
4 to 8. P. M. Cloudy and warm,	with light	airs variable in a	irection.
Steady barometer. aneroid 29.92, as	tend of water	he bross in hawse.	acceived
in Equipment from Wow Dolaw, 190	il 3" manilla	, 1 goils 2" manilla	u, 1 god 14"
manilla, 45 fms. 4 stranded hemy	W. I coil of ha	imbroline, 30 hand	serubbing
brushes. To pail medles: in Constru	ction Depar	truent, I tims black	Epaint, 2
t. 11	01	1 to -1.1	a. Itime without
marine blue! I tim red lead, Do lunsied vil. 5 galls. turpertine, 5 l. 8 P. Its to Midnight bloudy, war in the house.	gallons of as	cohol 50 lbs of shell	ae. 10 galls
lensied vil. 5 galls turpertine, 54	be dryer and	20 lbs of hutty.	0.
	Signed. V.	t. & Sears.	Onsign
8 P. In to Midnight Cloudy, was	ude galm, a	neroid barometer ?	19.93 Gross
in the house.	1	010.0.	0.
	Signed.	W. M. Irwin.	Simt

About sind Examined and found to be correct.

Dec. 6° 44' 01"N.

Phase, Jul moon.

Commences, and until I a.M. Cloudy and pleasant, Wind from the west, occasional strong puffs. Anchoid barometer 29.90 blear hawse. Signed. R. O. Bitter. Ensign. 4 to 8. a. M. Cloudy with galous to light airs from S. W. Slightly rising baroweters brew engaged it rattling down and betteling up backetays. Gainting berth dick, Ameroid baroweter 29,94 bross in howse. 8 aM to Meridian. Cloudy and threatening rain, Light showers latter part, Sight airs from & W to & by 6. At 9. loosed sail and (at 10.20 furled d. Inspected at quarters at 9.30; Ses. Lane & MM) A. B. Price. OS and Thomas Noon, DeFire) absent without leave, brue at work on rigging, equaring rathines and painting buth dicks. Ameroid barokseter 129.74. Swing to ebb tide at 11.20. Clean pawer. Signed! It. M. Grevin. Link-Meridian to 4. P. M. bloudy fand warms, balon and light our iable wirids. Heavy rain showers during first two hours blear hawse. At end of watch arrevoid barows the 29.9%.

Lios P. M. Pleasant weather. Light pairs from S. S. M. Mustered pat quarters at 4. 45, Piccived on board in Equipment Department aneroid barometer 29.88. Swring to the flood at 6. Gross in hawse Digned. W. M. Trivin. Sunt 8 Mto Midnight, Clear, and pleasant; Calm and light variable jairs. lightning first hours bross in hawse, amerbid bar-ometer 29.89. Signed. Q. O. Bitter Eneign Signed. A.O. Bither Ensign

Movul mid Examined and found to be correct.
Dec 10°38' 47" N.
Phase. Jull moon,

My Varke

Longitude by Chronometer from Afternoon Observations ⊙	,	"
Longitude by Chronometer from Observations *	,	"
Variation of the Compass by Amplitude observed at Sunset	,	"
Variation of the Compass by		

29.81 84 83 81

29.82 85 83 80

29.82 83 83 80

86+6

11

Mid.

686 balm

, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

bommunous and witch & a.M. blondy Very heavy sain from one oclock to end of watch. Third light and variable . One word 29,90.

I to 8. a.M. Overcast and cloudy with socast of a shower first parts that have. Swing to tide at you of meriod baroneter ligge.

8 a.M. to Meridian. Blondy and pleasant. Dalm, and light & M. pairs. Alg so mustered, at greaters. Que Law. I.M. M. a.B. Chico Cost and John M. Mullim & Chro, absent without leave. Alg loosed sail. Of bride in so five days for sleeping on watch and Chat Carrolle. Of Miscours for days for sleeping on watch and Chat Carrolle. Of the sound age for strong drunk on duly. One wood baron election of for separage for strong drunk for delt wo bales for destilling. Meridian to the CM. Blondy Warm. Light breeze from & Wholly. At I furled sail. Commissived distilling at I. Answered 29.88.

14 b 8. O.M. Blondy and pleasant balandered light variable pairs. Al IL His mustered at granters. Ellow in houseput and of watch, Amerid baroneter 29.89.

8 O.M. Blondy and pleasant balandered to the Messeyal and Survey and Survey of the Midnight. Blondy Warm, Light variable airs and palms. The Midnight. Blondy Warm, Light variable airs.

8 O.M. Blidnight. Blondy Warm.

Movn lanidexamined and found to be correct.

Dec 14°00' 17" A

Phase, Sast quarter

Titt Parker Licit & Navigator.

Commences and justil Ham. Partially	1 1 . 1 . 1 .
Commences and unite to an, Varially	lear, brightmoonlight
first hour, cloudy and rainy, lightning to	V remainder of watch.
Sight easterly airs. Slightfall in baromete	I Ship swing at 1.30.
Choss in hawse, starboard chain on top, Diste	lling. averand 29.88.
Segned, W. G.	Hannem. Ensign
11 to 8 (1. M. Sourant and Adams Sight C	Band Sh. Ok
inhause, anervid barometer 29,94, John M	Mulling 10th returned
inhause! Anervid barometer 29.94. John M. on board 24 hours overtime. Signed. R.O.	
Signed P. A.	Atten Enimal
8 aM to Meridian bloudy, Paining for	the line of the
clearing weather last half. Sight variable	so wours of watch
1.45 etopped distilling and hauled fires.	e jairs and calms at
1.45 erappeapaismenng and named fires.	y order of Donnanding
Officer a reward of ten dollars was paid	for the apprehension of
Thomas Wood, Ilette) who was brought on	board by a policeman
Thomas Noon, Destre) who was brought of	
Meridian to 11 P.M. Cloudy Plann, Sig	muright Dellogg, Sunt
Meridian to H. M. Cloudy Prarm, Sig	the sariable airs Jull-
inabarometer Vissel surma at 2.3, ble	ar hourse at 3. furled.
Obil. Received in Carribon elet Debrautons es	of managed deal
jawning, aversid barometer 29.91.	is profiquences ever
July, construction with any gr.	A Hammer &
11/28 PM bl. I I signed to	Summum, Cusigni.
Lie . On proudy, sight prossing on	owers from feve to seven
Llo 8. PM. Cloudy, Sight frassing she Light variable airs and palms. and vide	29.91.
Digned. It	amvight Hellogg Sent
8, J. All to Midnight, Cloudy Charry,	Partially glear last
8 P. All to Midnight, blowdy Prairy ( how, Pising barometer, Versiel swing a Ameroid barometer 29.95. Signed. It	69.30. Blear hawsel.
Unervid barometer 29.95.	
Seaned. Mo	4. Harmun, Ensigns
-11	
Moon I mid Examined and found to be correct.	
20.16 0H // CV.	
Phase, Sast quarter.	M. H. Parken
1 years	Levil - & Navigator.

Commences and to H. a H. Weather glear and pleasant until last hour of watch where it began to rain. balm. Light bruge from A. E in last how of watch. Ohnervid baronseter 29,93. Signed. Karl Robrier. Secut Il to 8. a.M. Cloudy. Raining first and last howes of watch Sight variable airs and galis. anivoid 29.96. Signed Warrioright Kellogg, Sunt 8am to Meridian, Cloudy Passing showers. Lightwariable pairs. Rising baronseter, alog 30 misstered at quarters, George Lane (SMM) and alfred B. Price OS) having been absent since the 10th inst, are by order of Bourmanding Officer declared desertors from the ship and praval service from this dato. Vessel sweing at 10 30, Bross in hawse, fort chain on top, an ervid barongeter 29,98. Signed W. & Harrium Ensign Meridian to 4 P. M. Weather overcast, floudy and rainy glearing up commuhat in latter part of watch, bahu, Light bruge from SSW in last hour of watch. Barometer steady Clear howse, Ameroid barowseter 29.99. Karl Robins. Sunt Lto 8. P.M. Cloudy Raining greater part of watch. Sight S. S. W. and SM. breeze with light huffs first part, Aising barometer.

Blear hawse, Ameroid barometer 29.96.

8 9. M to Midnight. Weather overcast cloudy and rainy light brieze from SM. Barometer steady. Ameroid barometer 29.98. Signed. Karl Robrier. Sunt

Moon land Examined and found to be correct.

Dec. 18° 07' 87" A

Chase Last Quarter

To 1x Parker Sicul- & Navigator.

Longitude by Chronometer from Afternoon Observations ⊙	•	,	"
Longitude by Chronometer from Observations *		,	"
Variation of the Compass by Amplitude observed at Sunset	. •	,	"
Variation of the Compass by	•		"

Mid. "

, 18811

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Sommerces and with it a.M. Correact and cool with passing showers first and last pound. Cross in hawse Statemary barom list, and light breezes from Sid. Americal baron eter 39,984 . Stop Statemed. Ensign I to 8. A.M. Cloudy. Daming greater parts of watch, Sight & Wand & S. M. breeze. Custing baron dip, Gleaned have of an elbow. Leaving a cross with port chainson top. Ourped ship out, America. Sast: Segued. It & America. Saron eter resing Light to gentle breeze from M. S. & K. Cons in hawer. Consider son Son 2008. Signed. Starl Robers: Sunt bares from Stand Will Ording to flood with cross in hawer. American bares from Stand Will Ording to flood with cross in hawer. American barenders and light breeze from Stand Will Ording to flood with cross in hawer. American baron eller season the Stand Will Ording to flood with cross in hawer. American Consign I to 8. O.M. Weather pleasant though cloudy. Sight airs from I M. in first part of watch; calm in latter hart & Clear hawer. American baron eller street baron eller street baron eller street. Since such baron eller street baron eller str

Mount oried Examined and found to be correct.

Dec, 17° 46'30" A.

Phare Sastquarter

Sient V Navigators

Longitude by Chronometer from Afternoon Observations ⊙

Variation of the Compass by Amplitude observed at Sunset

Longitude by Chronometer from Observations

, U. S. Navy,

, 18811.

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

	21		
Commences and until II a.M.	Weather our	reast and well	, Sight airs
Low & by N. Sarometer falls	ing, anervia	batend of water	h 24.98.
June 1	1 Signed.	6. O. aleis.	" Sunt
11 to 8 a M. Weather pleasant	, Selophtain	s from Eby A	to NE. Carometer
It de Received on board fre	sh provisio.	no for the crews	aneroid bar
Steady. In ol.	1		
omaco o	Signed.	Karl John	en! Sient
8 a. M. to Miridian. Generall	woodcast a	and threatenin	na with occas-
in al showers at 9 30 inspect	tid and me	estered crew as	Hawarters Clear
Commences and until IL a. Sh. from & by N. Barometer falls I to 8. a. M. Weather pleasant, eliady. Received on board free omater 30.01.  8 a. M. to Miridian. Generall wind showers, at 9, 30, inspection hawse, Ameridian to 4 P. M. Wer airs and calms. Barometer to 8. P. M. bleav and pleasant breezes from Sa. Pier barometer 30.00.	30.02.		
man and the second	Signe	d AlS. Hall	Thing Ensider
Munidian to 4 PM. Wes	ther aboud	y and sully	Light variable
mil med calmed. Prarioneter	steady Ch	nervid 20.98	
funs faure carrier equal to	Sign	and b P Pus.	Simile
11 to F PM please and believe	aprint white	to stationand	barma eter and
Little les leven Sil. Pin	dina to elle	with ale artho	own Oranget
May my that Be as	my so as	wo of no grand oron	we, with
Notario Go. 00.	Since	1 Al Side	Halling Engine
8 Plu to mil 1 - 11- 101 - 1	, signe	a. I light	racquino. Orisign
o . mio monigni, suova	y and speed	ream, segui	tal page
juna gaims. Saromew pino	y. uneway	at ena of wa	(cn 29.00.
8 PM to Midnight, bloud and galus. Parometer steak	o signe	d. N. V. aus.	waii 6
			The state of the s
	AND SHOW		
11 1			
Moon Incidexamined and found to be correct.  Pec 17° 46° 36" H.  Phase. Last quarter			
Dec 17° 46 30 %			2000
Mase. Last quarter		100	11 thanks
			Leut & Navigator.

				Offell	micull	ters	0	Isla	ne	1.	S	100	ug Sto	ug.	1	hu	na
i		-			WINDS.			BAROME	TER.	TEMP	ERATU	RE.	0	-	Nor 18.		
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leewny.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	A. M.	ore	d	WAV	NE	/		29.92	81	72	80		beh	ai sum	5	8	
	2	"		6	,	2		29.90					be		6	"	
	3	"		,	balm	0		24.90					; ,		7	"	
	4	"			A8	1		39.90					вер	"	3	"	
	5	-			"	/		29.88					"	Cis cum	5		
	6	*		NE	e e	1		29.90	81	81	79		be	Cis Cum Pei atrat	1/		
	7	-		7	6	1		29.92			79		boh	,	1/2	*	
	8	1		of more	,	,		29.93			80		"	Toron	23	-	
	10	1		01 31 70	"	,		29.43			1000		-		11	"	
	11	-		£ 91		1		29.94						*	5	"	
	Noon.	-				1		29.94					-		5	-	
	,							1.14									
		Distar	nce ru	n by Log since pred	ceding Noon									knots	fatl	noms.	
		Latito	de by	D. R. at Noon											,	"	
	Latitude by D. R. at Noon  Congitude by D. R. at Noon  Congitude by D. R. at Noon																
		Latitu	de by	Observations at No	oon 0									•	,	"	
		Longi	tude b	y Chronometer fro	m Forenoon Obser	rvation	s 0								,	"	100000000000000000000000000000000000000
		Curre	nt dur	ring the time	knots	fms. p	er ho	ar, setting	to the	e							-
		Varia	tion of	f the Compass by A	Amplitude O obser	rved at	Sun	rise							,	"	
				the Compass by A		ed at								•	,	"	
				nded during the pre										350	) ga	llons.	
		Water			during the pr	ecedin	g 24	hours							~	"	
				ining on hand fit fo										172	5	"	
				ned during the prec										tons 80		lbs.	
		Coal	remair	ning on hand at No	on								123	" 19:	20	"	
	Р. М.					T									T	T	
	1			Blys	8.6	2		29.94	13	811	8.		ha	ai que	1	,	
	2	"		o sign	,	2		29.94	1000		74		NE	queche	1	1	
4	3			,	,,	2		2994		1	79		"	"	6		
	4	"		6	686.	2		29.91			80		,		6		
	5	"		,	,,	2		29.9		10000	80			1	5		
	6	"		"	6	1		29.90		10000	80		"		6	"	
	7	"		6N6	"	1		2991			10000		"	1	7		
	8	"		OV.		1		2992	83	83	80		,	,	8	-	
	9	"		01' 101		2		29.94		1000	02000		,	,	8	-	
	10	"		WOIN.	NE	0-1		29.96		10000			"	"	8		1.
	11	"		"	,	1	1	29.97	7 83					,	8		
	Mid.	"			,	1		29.97	84	84	86		"	"	8		
								-	-	-		-			-	1	

Longitude by Chronometer from Afternoon Observations ⊙	 ,	"
Longitude by Chronometer from Observations *	,	"
Variation of the Compass by Amplitude observed at Sunset	,	"
Variation of the Compass by		

Commences and until	1110m P	+1 -1 -1.	
Donnersences una unice	Lu. M. Jan	my growing,	cause wayne
Sveize; heavy passing &	rowers first,	and last thou	ers of watch Voall-
ing varonieler. Averbed:	29.98 at end	of watch. Ol	ear haute.
	Rigned.	W. J. Sear	1. Ousegn.
the S. a.M. bloudy but Slowly rising bardeneter and barometer 30.00.	tpleasant	with light	showers last hour.
Il la rising barometer	and light	airs and cu	lus Clear hause
Of wind both ometer 30.00			
anowa succession	Simued	Malla	Halling Engine
Enout On 1. Mr.	A Mil	al of	161 - Land
8 a M to Meridian. Well	ameroparily	gooddy an	a pleasant, soulle
bruse from O, Jaron	eur xuaay	, cut 9.10 2000	ea fail to a vousine
Mustered at quarters as	69.30. By los	der of lowe	to Officer orleased
a. b. Marett OS from co	referendent	- Received is	he Dept of Steam
Engineering 100 brass 1 attend of whatch 30,00	tube fireles	and one iron	stopper arroid
attend of whately 30.20			
parent of again con-	1	bal.	1 1:1-
Da. 1: 1- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	signia.	11	· A 1. 1.
Meridian W H J. M.	Olean and	pleasantw	ith light breeze
from S. E. Falling baron	weller, alt. 2	hortered sail	and spread alon-
at end of watch 29.98.	, Sent liber	to party on	shore, aneroid
cat end of watch 29.98.		11	
	Signed	0/68	earl Eurian
11 to & P Un Obe attendal.	u al dilia	ant Sille	leere bone tel
11 to 8. P.M. Weather gled Parometer rising anerois	v jusco spiede	Il 3 Eques	J. J. l.
Sarometer resurg, anerous	at end of wo	uch 30.00. 000	out in name.
8 C. M to Midnight, b. from Ex Barbon eter r inhawse.	signed.	1. O. O. C.	ed Deent
8 . Me to Midnight, 6	learland fel	eas ant wit.	to light breeze
from Ed Baron eter r	ising aner	oid at end of	watch 30.02 bross
inhawse.	1	0,0	
	Signed	5. U.J.See	ars Ensign
	Lignen	) Just	
	/		
Moon levid Examined and found to be correct.			
Dec 15 52 42 N.			
(P) HLOV.			
Trase 8. 1 T			marken 1
Phase, Sast quarter.			Licut & Navigator.

LOG of the United States Steamer Esses , 3d Rate, 6 Guns, Off Stonecutter's Island Stong Kong Stong China.

			10										1		1	Onuna.
				WINDS.	BAROMETER. TEMPERATURE.				URE.	01 . 4.	F	lear ths.	Si.			
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Loeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.		,	-1	de.	,		0000	02	02	80		be	Cir cum 8 cum	7	8	
2	ore	a	VI.	0,0	1		29.98					DC	3 cum	1	-	
3	-		"	"	,		29.98					"	,	6	"	
4	"		Ĝ.		1		29.97					"	"	6		
5	1		6'	,,	1		29.97					,	,	6	"	
6	-		6016	balu	0		29.96					,,	,	5	"	
7	-		dx9/	,000,00	0		29.96			_		,	"	5	,	
8	0		NAW.	NE.	2		29.96					"	,	6		
9			"	"	2		29.96			1		*	"	5	"	
10	,		Ol x N.	é	2		30.00			79			,	5	"	
11			,,	86	2		30.01			79		"	,	6	,,	
Noon.	1		8.6	,	3		30.01	85	83	79		"	,	4	,	
							1			//					_	
	Distance run by Log since preceding Noon knots fathoms.															
	Latitude by D. R. at Noon															
Longitude by D. R. at Noon  o ' "															A STATE OF THE STA	
Longitude by D. R. at Noon  Latitude by Observations at Noon ⊙  . "															7	
Latitude by Observations at Noon ⊙															Torye Steel	
Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″  Current during the time knots fms. per hour, setting to the																
	Variat	tion of	the Compass by A	implitude O obse	rved at	Sun	rise						•	,	"	AL RESIDENCE
	Variat	ion of	the Compass by A	zimuth O observe	ed at								•	,	"	
	Water	exper	nded during the pre	eceding 24 hours									37	5 ga	llons.	
	Water			during the pr	ecedin	g 24	hours						/		"	
	Water	rema	ining on hand fit fo	or use at Noon									130	0	"	*
	Coal	eonsun	ned during the prec	eding 24 hours									tons 44	00	lbs.	
	Coal 1	remain	ning on hand at Noo	on								125	" 4	20	"	
P. M.																
1	"		886	86	2		30.00	87	85	80		be	air aun	6	"	
9	"		"	"	2		29.99	87	86	80		"	"	04	"	
3	"		"	686	2		29.98	87	86	80		"	"	18		
4	"		"	,	2		29.98	87	86	80			,,	8	"	
5	,		6×8	"	2		29.97	86	86	80		"	,	8	"	
6			,,	"	2		29.97		86		1000	"	,	7	"	
7	"		6	6	2		29.97		84		1000	"	,,	7	"	
8	"		16×8.	"	2		2997	86		80	1300	"		7	"	
9	,		Wxd.	,	2	-	29.98		85		1000	"	"	8	"	
10	"		,	EX.N.	2		29.98	1			1000	"	"	8	,	
11	"		WAN	6	1		30.00		1000		1000	"	-	7	"	
Mid.	"		"	,	1		30.00	1000				"		17		
									1	1			-		"	

Longitude by Chronometer from Afternoon Observations ⊙ Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset

nnder the command of Commander a. B. M. Commick , U. S. Navy,

Speeday, August 19. , 1881.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until the a.M. Clear, and pleasant, Sightains from
A. E. A. M. Clear and pleasant, Sight parable pass, and Ealust.
Barometer steady. Aneovid 30.02. Looked soil at 7.30.

8 A.M. le Meridian. Clear, and pleasant with leght to quarter pass, and calms.

8 A.M. le Meridian. Clear, and pleasant with leght to quarter pardehold
from Ed. Civing barometer. Alg. 30 presentered at quarters and shood
out clean handmocks. Cainted hammock clother Ly order of home
anaders Officer Confund & A. Smith, Sea) in double wons for
pate keeping for being drew k and disorderly, shipped Cook
Oh Grown for landshow, for bruse. At 1.30 plantened soil. Outoid, at mod for atch 30.06. Bross inhows.

Meridian to the P.M. Clear, and het, Gentle brugge from & 6 to Elle.
At 1. furled sail. Sent liberty party ashore. Disorder of Commence
day Officer released Frank a Brouth Seal from to Moureman
ding Officer released Frank and hammock cloths. Cross inhower

Alone are painting boats and hammock cloths. Cross inhower
Aloned to painting boats and hammock cloths. Cross inhower
Aloned to painting boats and hammock cloths. Cross inhower
Aloned to painting boats and hammock cloths. Cross inhower
Aloned to painting boats and hammock cloths. Cross inhower
Aloned to painting boats and hammock cloths. Cross inhower
Aloned to Michigan and pleasant with light bruge from Ed.

Steady barometer 30.02.

Signed. W. M. Sears. Energy

Barometer sleady. Americal barometer Season.

Signed. M. M. Siears.

Energy

On the Midninght. Clear and lower of the bruge from Ed.

Sarometer sleady. Americal barometer Season.

Signed. M. M. Siears.

Sarometer sleady. Americal barometer Season.

Signed. M. M. Siears.

Moon land Examined and found to be correct.

Dec. 13° 02' 06" A.

Thase, Sast quarter.

Lewist & Navigator.

Iour.				WINDS.			BAROME	ER.	TEM	PERATU	RE.		-	ear 18.		
	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the at end of wa
. M		4			-	7						1		400		
Bo	ore	ed	Work	Var	0-1		30.00	83	83	80		be	Pir Cem	8	8	
2	"		NWX.	"	0-1		29.98	83	88	80		,	"	8	"	
3			0 1 0	,	0-1		29.96	83	93	79		. "	"	8	1	
4	"		6NE.	" 1	0-1		29.96			79		"	"	9	"	
5	~		886.	balin	0		29.96			79		"	"	8	"	
6	"		,	"	0		29.96	83	83	79			"	8	"	
7	. "		N×6.	NW.	0-1		29.97			79		,	"	8	"	
8	"		N21+ W.	1.0	1		29.97		83	79		,	"	9	"	
9	"		01 001	NE.	0-1		29.98	84	84	80		,	"	8		
10			WAW	"	1		29.98				-	".	"	9	"	
11	-		"	NV.	1		29.99					,	,	7	"	
oon.	"		"	"	/		29.99	87	84	80		,	"	7	"	
	Distar	ce ru	n by Log since prec	reding Noon									knots	fatl	homs.	
			D. R. at Noon	cuing 2100ii									o o		"	
			by D. R. at Noon											,	"	
			Observations at No	oon O										,	"	
			by Chronometer from		reations	. 0		7.						,	"	
			ring the time				aattinaa	4. 41								
			f the Compass by A				nr, setting	to th	e					,	"	
		ion o	the Compass by A	implitude o obse	rved at	Sun	rise	-								
		ion of	f the Compace by A	simuth a shaw	ad at									,	"	
			f the Compass by A		ed at								347	,	,,	
	Water	expe	f the Compass by A	eceding 24 hours		- 04	hann						350	ga	llons	
	Water	expe	nded during the pro	eceding 24 hours during the pr		g 24	hours								allons.	
	Water Water Water	expe	nded during the pro	during the properties or use at Noon		g 24	hours						100	0	allons.	
,	Water Water Water Coal o	rema	nded during the pro aining on hand fit for ned during the prec	during the properties of use at Noon ceeding 24 hours		g 24	hours						100 tons 4	0	allons. " " lbs	
,	Water Water Water Coal o	rema	nded during the pro	during the properties of use at Noon ceeding 24 hours		g 24	hours					125	100 tons 4	0	allons.	
,	Water Water Water Coal o	rema	nded during the pro aining on hand fit for ned during the prec	during the properties of use at Noon ceeding 24 hours		24	hours						100 tons 4	0	allons. " " lbs	
	Water Water Water Coal o	rema	nded during the pro aining on hand fit for ned during the prec	during the properties of use at Noon ceeding 24 hours		g 24	hours	80	86	83			100 tons 4	0 100 20	allons. " " lbs	
. M.	Water Water Water Coal o	rema	aining on hand fit for ned during the preceding on hand at No.	during the properties of the p	receding		29.99 29.99	1000	86	1000			100 tons 4	0 100 20	allons. " " lbs "	
. M. 1	Water Water Coal o	rema	aining on hand fit for ned during the preceding on hand at No.	during the properties of the p	receding		29.99 29.99 29.99	85	86	83			100 tons 4	0 100 20	lbs a	
. M. 1	Water Water Coal of Coal i	rema	aining on hand fit for ned during the precording on hand at North	during the property of use at Noon ceding 24 hours on	receding		29.99 29.99 29.99	85	86	83			100 tons 4	0 100 20	lbs a	
. M. 1 2	Water Water Coal of Coal i	rema	nded during the predaining on hand fit for ned during the predaining on hand at November 1981	during the property of use at Noon seeding 24 hours on	/ /-2 2-3 3		29.99 29.99 29.99 29.99	80	88	83 82 84			100 tons 4	0 100 20	lbs "	
.M. 1 9 3 4 5	Water Water Coal of Coal I	rema	aining on hand fit for ned during the preconing on hand at No.	during the property of use at Noon seeding 24 hours on	/ /-2 2-3 3 3		29.99 29.99 29.99 29.99	80 80 80	86 86 86	83 82 84 84			100 tons 4	0 100 20	lbs "	
2. M. 1 2 3 4 5 6	Water Water Coal of	rema	nded during the predaining on hand fit for ned during the predaining on hand at November 1981	during the property of use at Noon ceding 24 hours on	/ /-2 2-3 3 3		29.99 29.99 29.99 29.99 29.98 29.98	85 86 86	86 86 86 86	83 82 84 84 84			100 tons 4	0 100 120 78 999	lbs "	
2. M. 1 9 3 4 5 6 7	Water Water Water Coal of	rema	aining on hand fit for ned during the precording on hand at No.	during the property of use at Noon peding 24 hours on War.	/ /-2 2-3 3 3 0-/		29.99 29.99 29.99 29.98 29.98 29.98	86 86 86	86 86 86 86	83 82 84 84 84 83			100 tons 4	0 100 120 78 9999	lbs "	
2. M. 1 9 3 4 5 6 7 8	Water Water Coal of Coal 1	rema	aining on hand fit for med during the precoming on hand at No.	during the property of use at Noon ceding 24 hours on	/ /-2 2-3 3 3 0-1 0-1		29.99 29.99 29.99 29.99 29.98 29.98	85 86 86 86	86 86 86 86 86	83 82 84 84 84 83 83		bc " " " " " " " " " " " " " " " " " " "	Cicum " " " " " " " " " " " " " " " " " " "	0 100 120	lbs a lbs a	
2 M. 1 2 3 4 5 6 7 8 9	Water Water Water Coal of	rema	aining on hand fit for ned during the precuing on hand at No.	during the property of use at Noon peding 24 hours on War.	1-2 2-3 3 0-1 0-1		29.99 29.99 29.99 29.98 29.98 29.98	80 86 86 86	86 86 86 86 86 86 86	83 82 84 84 84 83 83			100 tons 4	0 100 120 78 999 73	lbs «	
2 3 4 5 6 7 8 9 10	Water Water Water Coal of Coal I	rema	aining on hand fit for med during the precoming on hand at No.	during the property of use at Noon seeding 24 hours on War.  Var.  Var.  Val.  Val.  Val.  Val.  Val.	/ /-2 2-3 3 3 0-1 0-1		29.99 29.99 29.99 29.98 29.98 29.98	86 86 86 84	86 86 86 86 86 86 86 86	83 84 84 84 83 83 80		bc " " " " " " " " " " " " " " " " " " "	Cicum " " " " " " " " " " " " " " " " " " "	0 100 120	lbs «	
. M. 1 2 3 4 5 6 7 8 9 10 111	Water Water Water Coal of Coal i	rema	aining on hand fit for med during the precoming on hand at No.	during the property of use at Noon seeding 24 hours on War.  Var.  Var.  Val.	1 1-2 2-3 3 3 0-1 0-1 0 0 2-6 1		29.99 29.99 29.99 29.98 29.98 29.98	80 86 86 86	86 86 86 86 86 86 86 86	83 84 84 84 83 83 80		bc " " " " " " " " " " " " " " " " " " "	Cicum " " " " " " " " " " " " " " " " " " "	0 100 120 78 999 73	lbs u	
2. M. 1 9 3 4 5 6 7 8	Water Water Water Coal of Coal I	rema	aining on hand fit for med during the precoming on hand at No.	during the property of use at Noon seeding 24 hours on War.  Var.  Var.  Val.  Val.  Val.  Val.  Val.	1-2 2-3 3 0-1 0-1		29.99 29.99 29.99 29.98 29.98 29.98	86 86 86 84	86 86 86 86 86 86 86 86	83 84 84 84 83 83 80		bc " " " " " " " " " " " " " " " " " " "	Cicum " " " " " " " " " " " " " " " " " " "	0 100 120 778 999 736	lbs u	

Commander a. H. M. Gornick under the command of , U. S. Navy, Wednesday. August 20 , 1882/ RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. bournences and until I a.M. Clear and pleasant. balm and light variable airs. An ervid barometer 30.03. Gross in hawse. Lo 8. a 86. ble ar, warm and pleasant, with galous to light does from N. Jarometer rising slightly. Ameroid 30.04 pet end of watch Elbow in hawse. 8 a M to Meridian. Clear and hot. Light airs from NE, har ling to NW. Mustered and inspected at guarters at 9.30. Exercised signal class. Cleared howse. By order of Bournanding Offices released Chais Garroll. De Mr' from confinement. America barometer 35.04. Clear Meridian to H. P. M. Clear and pleasant, Sight-airs to gentle breeze from the West, Aneroid barometer 29.94, Volear hawle!
Signed P. O. Bitter Ensign 11 to 8. P. M. Clear and warms Sight airs from the West and calms. Unstered at quarters at 4, 45. Thurder and lightning to the NE. latter part of watch, averaid baron eter 29.91. We ar habse. 8 PM to Midnight, bloudy with passing showers deving watch Thunder and lightning. During first hour had heavy egisall from NOVE, wind falling light afterwards. balled all hands furled awnings

sent down top galland masts, hoisted smokestack and got in gangway fenders

Ligned. a. G. Bitter. Ensegn

and railings. Sarometer fell 08 during equall and oose slightly after-

wards. Clear hawse. aneroid baronseter at end of watch 29.96.

Moon land Examined and found to be correct. Dec. 9 28 50 OK. Phase, Sastquarter

W. M. Parker Seint Tay Navigator.

			00					,		1		07				The state of the s
				WINDS.		y.	BAROME	ER.	TEM	PERATU	RE.	State of the	Forms of	Hear other	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.			04 4 -4	01								,		,	0	
	one	ed	WAW	(M.	1		29.98	83	0000	/		bo	ar Cum		8	
2	*		-1	S. 91.	1		29.98					"	"	8	"	
3	"		NE × 6	. "	1		29.97	86		78		•		8	,	
5	"		010-10	balm!	0		29.95			80		•		4	*	
6	"		8.8.6.	NW.	1		29.93		83				,	1	"	
7	"		, , , , ,	Var.	0-1		29.92					,	,	7		
8	"		Sx W.		0-1		29.92					,	,	6		
9					1		29.95	83	84	81		,		5	"	
10			. ,	,,	1-2		29.96	84	85	-81		,		6	"	
11			WAN.	NW.	1-2		29.96	85	86	81		"	,	7	"	
Noon.			"	. "	1-2	-	29.96	88	-86	81			"	7	"	
-		-												1/	-	
	Distar	ce rui	by Log since pre	ceding Noon									knots	fat	homs.	
			D. R. at Noon										•	'	"	
			y D. R. at Noon										•	,	"	
			Observations at N										•	1	"	-
			y Chronometer fro										•	,	"	
			the Compass by A				ur, setting	to th	е					,	"	
			the Compass by A			Sun	rise							,	"	
			ided during the pro		cu av								110	0 00	llone	
	Water			during the pr	ecedin	g 24	hours							g	"	
			ining on hand fit fo										60	0	"	
	Coal c	onsun	ned during the pred	ceding 24 hours									tons 8	00	lbs.	
	Coal 1	emain	ing on hand at No	on								124		60	"	
							_									
P. M.			0									,				
1	"	33	WAU	AN	2		29.74	186	86	81		be	Cir cum	1	"	
9	-		Art	"	2-4		29.74	88	87	80		beg	"	17	"	
3	"		d.	"	2-4	1000	29.74	188	87	80		,	"	5	- "	
4			N. E.		2-4		29.73	88		80		"		5	- "	
5	"		686	"	2-4	4	29.72	88	/	80		be		8	-	
6	"	-	" 5	NE.	1		29.70	86	88	86		"		4	1	
7	"		86	010	1		29.70	88	87	86		"		5	_ "	
8	"		N. 6.	W.	1-2		29.69	87	88	85		"		5		
9	"		AAV.	1.6.	5		29.71	87	88		1000	och	cure	0	-	
10	"		OFOF VI.	NE.	5		24.71	84	1000	83	100	bel	"	3		
Mid.	"		NU.	"	5 2		29.71		84	1				11	-	
Did.	"		OIVI.	"	1	1	4.71	04	84	484		"		0	"	
	Long	tod- 1	oir Channes of	- AQ - Q												
			by Chronometer from Chronometer from		ervatio	ns O							•	1	"	
	Longi	ude l	by Chronometer from	om Observations			*						•	- 1	"	

Variation of the Compass by Amplitude observed at Sunset

, 1884

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 40 M. Cloudy Sight variable airs and calms. Ameroid 29,94

11 to 8 as Mr. Pleasant weather, Sight variable airs. My 30 cent up topgallant masts and loosed sail. Sucht in Steph part, My 30 cent up days leave. Ameroid barometer aggo. Gross we howsel

8 as Mr. to Meridian. Clear and warm Sight airs to light bruge from SM. last two hours. At 9.30 mustered at quarters and had divisional drill at revolvers. At 11.30 feerled sail. Gross in hower. Ameroid barometer 29.85.

1 Meridian to 11 P. Mr. Blear and hot, Sight bruge from SM. At 2 gleared howse. Ameroid falling slowly 29.79 attend of watch.

14 to 8. P. Mr. Chardy and warms sight variable wind. At 11.15 mustered at quarters. Decembed on brard in Stangalion Oppartment 100 galls of tea of . He stated in steam launch, Soisted emokestack, Ameroid bar 29.76.

18 O. Mr. to Midright, Cloudy, Atmy and equally first two hours quatch. Wind from A & Clearing Calter part of watch, Ameroid 29.78. Steady Signed. Vainering 18.78. Steady Signed. Vainering 18.78. Steady Signed. Vainering 18.78. Steady Signed. Vainering the Helogo.

Moonlanid Examined and found to be correct.

Dec, 5° 29' 17 ch

Chase. New moon.

Bill & Navigator.

Longitude by Chronometer from Afternoon Observations ©	,	"
Longitude by Chronometer from Observations *		"
Variation of the Compass by Amplitude observed at Sunset	,	"
Variation of the Compass by		"

Mid.

29.81 86 86 81

Commences and until H. a. M. Partly clear first part, overcastomian der of watch! Sight & 6 and WNH bruge. Barometer steady. Clear hawse, Ameroid 29.78.  Signed. V. G. Hammun. Ensign Ut to 8. Ammun. Ensign Sto N. H. Parometer sising. At 7.35 loosed sail. Ameroid barometer 29.79. Ab 5 started fires for distilling. Commenced distilling.  Separated fires for distilling. Commenced distilling.  Signed R. O. Bitter Ensign
der of watch. Sight No and WNI bruge. Baronseter steady. Charl
hawse, aneroid 29.78.
Signed. W. J. Hannum. Ensign
It to 8. a.M. Cloudy and pleasant, Gentle to moderate bruge from Why
Sto N. W. Sarometer rising. at 7.35 loosed sail. America barometer 29.79. at
5 started fires for distilling. Commenced distilling.
same + m. i bl
I Ch The to Heredian. Wear and pleasant, sight breeze from NW to Wer W.
It 4. 30 mustines fat quarters: exercised 1 and 2 divisions fat amallarms. This
Snormon, see much, was given five aays in double wons for impudence to
Lingenew of water. America 24.82.
Same to Meridian. Clear and pleasant, Light bruge from All to Well. At 9.30 mustined at quarters. exercised 1º and 2º divisions at emallarms. This Thornton, Del Mach!) was given five days in double irons for impudence to Engineer of watch! an evoid 29.82.  Signed, Vainwright Stellogg, Liest Meridian to 4 P.M. Cloudy, Very warm weather, Light & Stylong Vistelling.  Parometer almost steady bross in hawse; etarboard chain on top. Distilling.  At 1.00 furled sail, Anchord 29.80.  Signed, W.S. Hamum. Ensign
Parometer almost steady Bross in house starboard chain on tak Distilling
at 1.00 furled sail, and 29.80.
Signed, W.G. Hannum. Ensign
Il to F. C. In. Clear and warm! Sight hirs from S. S. W and It S. W. al 11. 45 muster
ed at quarters. Distilling, Oneroid 29.84.
Signed Mainwright Stellogg, Sunt
8 M to Midnight, Generally clear, very warm weather, bath hight
rise in barometer. Orossin hawse, port chain on top. aneroid 29. to.
Distilling.
Llo 8. C. M. blear and warm! Sight hirs from S. S. H and H. S. A. U. 11. 115 muster ed at quarters. Distilling. Ameroid 29.81.  8 P. M. to Midnight, Generally clear, very warm weather, back hightrise in barons tev. Oposs in hawse; port chain on top. Ameroid 29.80.  Distilling.  Signed. V. G. Harmum. Ensign

Moon land Examined and found to be correct.

Dec. 1° 18' 50" A.

Phase, Aus moon

Just Parke Level and Navigator.

		11							1	7	1				
			WINDS.			BAROME	TER.	TEM	PERATU	TRE.			lear the.		
Hour.	Knots.	Courses steered.	Titoration	Force.	ray.	Height in	Ther.	Air	Air	Water	State of the Weather. by symbols.	Forms of Clouds, by symbols.	of Cler in 10ths	State of the gen.	Record of the sail the vessel is under at end of watch.
	Fuots.		Direction.	Force.	Leeway	Height in inches.	att'd.	Air Dry Bulb.	Bulb.	at surface.			Prop Sky,		
A. M.															
11	red	dr.	balm	0		29.81	85	85	82		be	Cir Gune	5	8	
2		0, "	, , , , , , , , , , , , , , , , , , , ,	0		29.81		85			4		6	"	
3	"	NW+91	, ,	0		29.81		85				"	4	"	
4	1	Oliven		0		29.811		85			half-	quel	4		
5	1	NEXE.	"	0		29.811	1000	83			our	punus	11	"	
6	1	016-6		1000		1	-		80		"	"	4	"	
	-	SEX8.	,	0	-	29.811	100000		50		"	"	3	*	
7	1	886	"	0		29.86		83	19		60	"	,	1	
8	1	6	n'L	9 0000		29.86	1000	83	79		,	"	,	1	
9			201	0-1		29.90	1000	84			"	*	2	."	
10		NAW.	SW.	1		29.90	1000	84			-	"		*	
11		011.	W898	2	-	29.90		86			"	"	1	"	
Noon.		W/4 N.	"	3		29.90	86	86	84			"	14	*	
						-									
	Distance	run by Log since pre	eceding Noon									knots	fatl	noms.	3 3 3 3 3 3 3
	Latitude 1	by D. R. at Noon											,	"	The Control of the Co
	Longitude	by D. R. at Noon											,	"	
	Latitude l	by Observations at N	loon O										,	"	
		by Chronometer from		rvation	s o							•	,	"	
		luring the time				ur, setting	r to th	10							
							,						,	"	
		of the Compass by			Sun	rise							,	"	
		of the Compass by		ed at								.,			
	700000000000000000000000000000000000000	pended during the pr												llons.	
	/	distilled	during the pr	recedin	g 24	hours						250		"	
	Water re	maining on hand fit i	for use at Noon									310	0	"	
	Coal cons	umed during the pre	ceding 24 hours								2	tons 8:	20	lbs.	
	Coal rem	aining on hand at No	oon								120	" 22	20	"	
				-	-			-						-	
P. M.										1	1				
1	4	Wid	WSW.	3		29.88	86	86	82		be	Liv Cum	, 4	- "	
9	"		"	3-4	4	29.88	1000	86			beg	1 -	3		
3	"	01821	824	3-5	1000	29.87	1000	1000	82		1	Cir aunu	5	-	
4		"		3-5		29.87	1000	86	1000	1000	"	zcun	5	-	
5		884	West.	3-0	100	29.87	1000		82	1000	"	Cumb	3	"	
'6	"	200	VI -01.	3 2 2		1//		1000	1000		"	nimes			THE REAL PROPERTY.
	"	"	"	2		29.87	-	84			"	"	2	-	
7	"	Ĝ.	1	1	-	29.85	100	83	10000		be	givour	20	"	
8	"	A STATE OF THE PARTY OF THE PAR	Var.	0-1	100	29.85	1000	85	1000	-	"	-	6	"	
9	"	886	8	0-1	1	29.86	84	84	80	1	"	"	6	"	
10	"	NAN.	"	0-1		29.87	84	84	80	-	"	"	17	1 "	
11	"	du	balm	0		29.88	84	84	80	1			6	-	
Mid.		,	,	0	100	29.90	84	83	80		"		0	- "	
					1	1			1	1	1				
	Longitud	e by Chronometer fr	om Afternoon Obs	ervatio	DS O								,	"	
		e by Chronometer fr				*							,		14
		of the Compass by		torn-1	at C										1000
	· ariation	of the Compass by	Amputude obs	served :	at Su	nset							,	"	-

Moon and Examined and found to be correct.

Phase, New moon

Marken Sieut & Navigator.

and the second livery											//	1	ALCOHOLD BY THE REAL PROPERTY.			
				WINDS.			BAROME	TER.	TEM	PERATU	URE.	State of the	Former	Hear ths.	State	
lour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	of the	Record of the sail the vessel is a at end of watch.
. M																
1/20	rei	6	WAN	Calm	0		29.89	85	85	80		bol	Qui	9	8	
2			,		0		29.89		2000			be	cir cum	6	"	
3			,		0		29.88					belt-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5	,	
4	*		Ux N.		0		29.87	1000				ochts	Pei Cum	0	"	
5	-		NOV	dell	2		29.89		70	78		occus	Varing	0	"	
6			"	"	2		29.89		79	78		ocs		0		
7	"		6	Var	1		29.90	80	19	78		bed		3		
8	,		886	,,	0-1		29.92		77	78		be	"	3		
9			86×6.	Calm	0		29.90	80	11	77			Cir Cum	11	,	THE RESERVE
10	"		88W.	SW	2		29.90	81	81	11			Jean	6		
11	"		Wx N.	,	2		29.90	82		79		*		11	,	
oon.	*		71-51.		2		1,	83		//		"	"	3		A STATE OF THE PARTY OF
JUII.	"		,		1		29.90	00	02	19		"	1			
	Dist	000	n by Log since pro	anding Name									Imate	0.0	1000	The second second
				eceding Noon									knots	lati	ioms.	
			D. R. at Noon											,	"	
			by D. R. at Noon													
	ofitu	de by	Observations at N	oon O									•	100	"	
1	Longi	tude b	y Chronometer fro	om Forenoon Obse									•	,	"	
1	Longi	tude b	by Chronometer from	om Forenoon Obse	fms. p	er ho	ur, setting	g to th	e							
1	Longi Curre Varia	tude b	by Chronometer from the time f the Compass by	om Forenoon Obse knots Amplitude © obse	fms. p	er ho		g to th	e					,		
,	Longi Curre Varia	tude b	by Chronometer from the time f the Compass by	om Forenoon Obse knots Amplitude ⊙ obse Azimuth ⊙ observ	fms. p	er ho		g to th	e							
,	Longi Curre Varia	tude b	by Chronometer from the time f the Compass by	om Forenoon Obse knots Amplitude ⊙ obse Azimuth ⊙ observ	fms. p	er ho		g to th	e				•	,	"	
,	Longi Curre Varia	tude b	by Chronometer from the time f the Compass by	om Forenoon Obse knots Amplitude ⊙ obse Azimuth ⊙ observ	fms. perved at	er ho	rise	g to th	e				•	,	"	
	Curre Varia Varia Water Water	tude b	by Chronometer from the time f the Compass by	knots  Amplitude © observeceding 24 hours  during the property of the property	fms. perved at	er ho	rise	g to th	e				•	,	" allons.	
	Curre Varia Varia Water Water	tade b	by Chronometer from the time of the Compass by anded during the product of the pr	knots  Amplitude O observed ob	fms. perved at	er ho	rise	g to th	e				370	of go	" allons.	-
	Coal Coal	tade b	by Chronometer from the time of the Compass by anded during the province of the compass by anded during the province on hand fit to	knots  Amplitude © observed ob	fms. perved at	er ho	rise	g to th	e			/20	•	of go	allons.	-
	Coal Coal	tade b	by Chronometer from the time of the Compass by anded during the province of the during the province of the during the province of the during the present the present the during the during the present the during the during the present the during	knots  Amplitude © observed ob	fms. perved at	er ho	rise	g to th	e			120	370	of go	" " " " " " " " " " " " " " " " " " "	-
	Coal Coal	tade b	by Chronometer from the time of the Compass by anded during the province of the during the province of the during the province of the during the present the present the during the during the present the during the during the present the during	knots  Amplitude © observed ob	fms. perved at	er ho	rise	g to th	e			120	370	of go	" " " " " " " " " " " " " " " " " " "	-
	Coal Coal	tade b	by Chronometer from the time of the Compass by anded during the province of the during the province of the during the province of the during the present the present the during the during the present the during the during the present the during	knots  Amplitude © observed ob	fms. perved at	er ho	hours			80		120	272 272 tons 90 " 13	5 gm	allons.  " lbs. "	-
. M.	Congi Curre Varia Varia Vater Water Water Coal	tade b	by Chronometer from the time of the Compass by anded during the province of the during on hand fit is need during the pre-	knots  Amplitude © observed ob	fms. perved at red at	er ho	hours	83	84	10000		120	370	5 gs 5 20 20 20	allons.  " lbs.  "	-
. M.	Longic Curre Variate Variate Water Water Coal Coal	tade b	by Chronometer from the time of the Compass by anded during the province of the during on hand fit is need during the pre-	knots  Amplitude © observed ob	fms. perved at receding	er ho	29.89 29.88	83	84	80		120 bc	272 272 tons 90 " 13	5 gr 5 20 20 20 2	lbs.	-
. M. 1 2 3	Longi Variat Variat Water Water Coal	tade b	by Chronometer from the time of the Compass by anded during the province of the during on hand fit is need during the pre-	knots  Amplitude © observed ob	fms. perved at recedin	er ho	29.89 29.88 29.86	83 84 84	84 83	80		120 be	272 272 tons 90 " 13	5 go 5 20 20 2 2 2	llons.  " lbs. "	-
. M. 1 2 3 4	Longi Curre Variat Water Water Water Coal	tade b	by Chronometer from the time of the Compass by anded during the province of the during the province of the Compass by anded during the province of the compass by and	knots  Amplitude © observed ob	fms. perved at recedim	er ho	29.89 29.88 29.86 29.85	83 84 84 84	844 83 83 84	80 80		120 bc	272 272 tons 90 " 13	5 gr 5 20 20 3 2 2 3	lbs.	-
. M. 1 9 3 4 5	Longic Curre Variate Variate Water Water Coal Coal	tade b	oy Chronometer from the time of the Compass by anded during the province of the Compass by anded during the province on hand fit is med during the preming on hand at No.	knots  Amplitude © observed ob	fms. perved at recedin	er ho	29.89 29.88 29.86 29.86 29.86	83 84 84 84 85	844 83 83 844	80 80 81 80		120 bc	272 tons 90 " 13	5 5 20 3 2 2 3 3	llons.  " lbs. "	-
. M. 1 2 3 4 5 6	Longi Curre Variat Water Water Water Coal	tade b	oy Chronometer from the time of the Compass by the Compass by anded during the province of the Compass by the C	knots  Amplitude © observed ob	fms. perved at red at receding 2 3 3 2 1 1	er ho	29.89 29.88 29.88 29.88 29.88 29.88	83 84 84 84 85 85	844 83 83 844 86 83	80 80 81 80 80		be "	272 272 tons 90 " 13	5 20 3223333	allons.  " lbs.  "	-
. M. 1 2 3 4 5 6 7	Longic Curre Variate Variate Water Water Coal Coal	tade b	oy Chronometer from the time of the Compass by anded during the province of the Compass by anded during the province on hand fit is med during the preming on hand at No.	knots  Amplitude © observed ob	fms. perved at recedin	er ho	29.89 29.88 29.88 29.88 29.88 29.88 29.88	83 84 84 84 85 85 85	84 83 84 85 88 84	80 80 80 80 80		be " " bol	272 tons 90 " 13	5 5 20 3 2 2 3 3 3 3 5	allons.  " lbs.  "	-
. M. 1 2 3 4 5 6 7 8	Longic Curre Variate Variate Water Water Coal Coal Coal	tade b	oy Chronometer from the time of the Compass by the Compass by anded during the province of the Compass by the C	om Forenoon Observations  Amplitude ⊙ observations  Azimuth ⊙ observations  during the proform use at Noon  ecceding 24 hours  oon  Solutions  """  WAN.  """	fms. perved at receding 2 3 3 2 1 1 1 1	er ho	29.89 29.88 29.88 29.88 29.88 29.88 29.88 29.88	83 84 84 86 86 86 86	84 83 83 84 86 84 84	80 80 80 80 80 80		be "	272 tons 90 " 13	5 20 3223333	allons.  " lbs.  "	-
. M. 1 2 3 4 5 6 7 8 9	Longic Curre Variate Variate Variate Water Water Coal Coal	tade b	oy Chronometer from the time of the Compass by anded during the province of the Compass by anded during the province on hand fit is need during the previous on hand at No.	Amplitude observeceding 24 hours during the profession on Solution	fms. perved at red at receding 2 3 3 2 1 1	er ho	29.89 29.89 29.86 29.86 29.86 29.83 29.83 29.83	83 84 84 85 85 86 86 88	844 83 844 86 84 844 844	80 80 80 80 80 80 80		be "	DJD tons Go " 13  Gii cum " lii cum " " " " " " " " " " " " " " " " " " "	5 gs 5 20 3 2 2 3 3 3 3 5 8 7	lbs. "	-
. M. 1 2 3 4 5 6 7 8	Longic Curre Variate Variate Variate Water Water Coal (Coal )	tade b	oy Chronometer from the time of the Compass by anded during the province of the Compass by anded during the prevaing on hand at No.	om Forenoon Observations  Amplitude ⊙ observations  Azimuth ⊙ observations  during the proform use at Noon  ecceding 24 hours  oon  Solutions  """  WAN.  """	fms. perved at receding 2 3 3 2 1 1 1 1	er ho	29.89 29.88 29.88 29.88 29.88 29.88 29.88 29.88	83 84 84 85 85 86 86 88	844 83 844 86 84 844 844	80 80 80 80 80 80 80		be " " bol	DJD tons Go " 13  Qui cum " " evi cum " " " " " "	5 5 5 20 3 2 2 3 3 3 3 5 5 8	lbs. "	-
. M. 1 2 3 4 5 6 7 8 9	Congi Curre Variat Variat Water Water Coal	tade b	oy Chronometer from the time of the Compass by anded during the province of the Compass by anded during the province on hand fit is need during the previous on hand at No.	Amplitude observeceding 24 hours during the profession on Solution	fms. perved at receding 2 3 3 2 1 1 1 1 1	er ho	29.89 29.89 29.86 29.86 29.86 29.83 29.83 29.83	83 84 84 85 86 86 88 88 88	844 83 844 86 84 844 844 83	80 80 80 80 80 80 80 80		be " " bol	DJD tons Go " 13  Qui cum " " evi cum " " " " " "	5 gs 5 20 20 32233335878	lbs. "	-

Longitude by Chronometer from Afternoon Observations  $\odot$ Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset

, U. S. Navy, , 1884.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until HaM. Clear, and pleasant first part, clouding over last part of watch. Excessive steady rain last hour, Elbow in howse. Sightning to A entire watch. Anevid barometer 29.95.
Sightning to A entire watch. Anevid barometer 29.95.
Sightning to A entire watch. Signed. N.J. S. Halpine. Ensign. 11 to 8. all. Cloudy. Carry first part, heavy thunder showers, gleaning last how Sight MW bruge, decreasing to light variable airs, Slight vise in barometer. Cross en hawse, fruit chain on top Ameroid barometer 30.00. 8 am to Meridian. Weather dear and pleasant, Sight bruge from S. H. Baronseter steady, Clear howed. at 8.45 loosed sail. Obg. 35 mustered and inspected criedat quarters. Ancived barometer 29,99. American mail sts. City of Peking came in and anchored. Signed. Hall Rohrer. Secul Meridian to H. P.M. Cloudy and pleasant with slowly falling barometer and light to gentle bruges from Sd and Itd. Riding to ebb tide throughout watch with charhawse, Unervid barometer 2996. signed. A. J. S. Halpine. Enright the & P.M. Weather clear and pleasant, Sight airs from WAV. Baron eter falling Clear howse, Ameroid barometer 29.93. Signed Farl Cohrer. Sient 8 P. M to Midnight. Fair and pleasant with light variable pars, Ot 10. 40 woung to ebb with clear howse. Ameroid baronseles 39.94. Occasional light-Signed A.J. S. J. Halpine.

Mountaid Examined and found to be correct.
Thase, Aus moon,

Mile & Navigator.

				. 04	Stonece	elle	ers	Isla	an	d.	A	fon	g Hox	9.6	her	na	
1					WINDS.			BAROMET	ER.	TEM	PERATU	JRE.			lecr bs.		
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	eemay.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the gen.	Record of the sail the vessel is under at end of watch.
			-				-										
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					eding 1400n									Kilots	,	"	
				D. R. at Noon												"	
				y D. R. at Noon													
				Observations at No								•		•		"	
				y Chronometer fro		rvation	18 0							•	-	"	1
		Curre	nt dur	ing the time	knots	fms. p	er ho	nr, setting	to th	e							
		Varia	tion of	f the Compass by A	amplitude ⊙ obser	rved at	t Sun	rise								"	
		Varia	tion of	the Compass by A	zimuth O observe	ed at								•		"	700000000000000000000000000000000000000
		Water	expe	nded during the pro	eceding 24 hours									370	gs	llons.	
		Water	-		during the pr	ecedin	g 24	hours						/		"	
		Water	r rema	ining on hand fit fo	or use at Noon									2350	,	"	
		Coal	consur	ned during the prec	eding 24 hours										00	lbs.	
				ning on hand at No									120		20	"	
													120	1	20		
	P. M.														1	T	
				ar	8.824		-	1000	-				1				
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			-			-	-	THE REAL PROPERTY.	Contract of the last	-	-	-	NAME OF TAXABLE PARTY.			-	

			1
Longitude by Chronometer from Afternoon Observations ⊙		,	"
Longitude by Chronometer from Observations *		,	"
Variation of the Compass by Amplitude observed at Sunset		,	"
Variation of the Community			

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Sommerous and until LaM. Meather clear and warm. Calm. Barometer steady. Americal at end of watcher eggs.

If to 8. a.M. Clear, and pleasant, balow. Clear hawse. Americal eggs.

Sam to Minidian. Clear and pleasant with light variable byliges and calms. At gooder of Commanding Officer the following punishments wereinfleter, John Currance (O), findays in double brows for disrespect to Officer of Deck: Chal Carter, John of Dinislows, (O): and J. C. Bealing, (O) four of liver and bearter, John of missions, (O): and J. C. Bealing, (O) four of livers eatra duly, each for opining hammocks in wrong place Swing to ubb with cross in hawse.

Meridian to 11 P.M. Weather clear and warm. Gentle breeze from S. Dt. Garometer steady. Americal at end of watch eggs.

Signed. S. J. Halpine. Ensign to gentle breeze from S. Dt. Squid.

1 of Rees. Swith commenter steady. Americal at end of watch eggs.

Signed. S. J. Halpine. Ensign plan haws. Carroid barometer eggs.

Soft to Mitchight, Marroid barometer eggs.

Soft to Mitchight. Meather clear and pleasant, Sightwareable days and calms. Agarometer steady. Americal gard. Signed. S. P. Cles. Sunt

Mooul mid Examined and found to be correct.

Dec 10' 13' 16" S.

Phase, New moons,

Lieut-8 Navigator.

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

LOG of the United States Steamer Essex", 32 Rate, 6 Guns,

				Offe	Slo	ne	cuti	ters	10	Kel	an	d. Hor	ighte	ny	7. 6	hina
				WINDS.			BAROME	TER	TEM	PERAT	UPK		/	1		
Hour.	Knote		Courses steered.	WIADO			BALOME	EE.				State of the Weather. by symbols.	Forms of Clouds, by symbols.	of Clea	State of the	Record of the sail the vessel is unde
II.	C. Inch	Fathoms.	Comme Merica.	Direction.	Force.	Locung	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	by symbols.	symbols.	Prop o	Sea.	at end of watch.
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A. M																
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7	"		8 NE.	,	0		29.93	83	84	82		,		7		
8			6		0		29.96							6		
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	"		0000	n/	1		29.93				E 500	•	"	-	"	
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Noon.	,		NAW.		1		29.99	86	85	82				6	"	
	-						1///							-		
	Dieter	100 ===	n by Log since pre	ceding Noon									knots	feel	ioms.	The same of the same
				Troop									Knots		ioms.	
			D. R. at Noon													100000000000000000000000000000000000000
	Longi	tude b	y D. R. at Noon										•	1	"	
	Latitu	de by	Observations at N	oon O											"	
	Longit	tude b	y Chronometer fro	m Forenoon Obse	rvation	is O								,	"	
			ing the time				ur, setting	r to th								
								5 10 11	ic .							
			f the Compass by I			t Sun	rise									
	Variat	tion of	the Compass by A	Azimuth O observ	ed at								٠.	,	"	100000000000000000000000000000000000000
	Water	expe	nded during the pr	receding 24 hours									Ho	o ga	llons.	
	Water			during the pr	recedin	g 24	hours								"	
	Water	rema	ining on hand fit f	or use at Noon									105	-	"	
													1950			
			ned during the pre											00	lbs.	
	Coal	remain	ning on hand at No	oon								120	" 3	20	"	
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P. M.								18								
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11	1		606.	NE		100	111		4000			UCN	ning	9	1"	
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	Longi	itude	by Chronometer fro	om Afternoon Obs	ervatio	ons O								,	"	
			by Chronometer fre										A 100 A 300			
	Long	- statut	of Chronometer Ire	om Observations			*						-	The state of the s	"	A CONTRACTOR OF THE PARTY OF TH

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dommenous and wetel La M. Clear and pleasant, Calm and light S. M. airs. Bross in howe. Amerord baron eter 29.95.

It to f. a.M. Clear and pleasant with light airs and calms. Clehr hower, Ameroid 29.97.

Segned. A. J. S. Halpine. Ensign Rawse, Ameroid 29.77.

Segned. A. J. S. Halpine. Ensign Plans of the Second of Dommending Officed. Julius Hartman Cos' was given four hours extra duty for improper conduct. Ameroid 20.00.

Meridian to the P.M. Clear and pleasant. Colin and light variable airs first two hours, then light wind from S. M. Saron der fallung Cross in house. Ameroid baron eter 29.91.

14 to F. P. M. Meather glear and whom. Light airs from Sd. Darohele cleady. Ameroid 29.97.

14 to F. P.M. Meather glear and whom. Light airs from Sd. Darohele pleady. Ameroid 29.97.

Segned. C. P. Cles. Such Such pairs form Sd. Sarohele pleady. Ameroid 29.97.

Segned. C. O. Cles. Such paired light point St. Sarohele pareable in fore and direction. Secured lighten with repaired lauls pareable in fore and direction. Secured lighten with repaired lauls pat port boom for the night, Ameroid baroneter 29.97.

Legind. R. C. Bitler. Ensign

Moonland Examined and found to be correct. Dec 13°13' 29" S. Phase, New moon

Mit Parken Link & Navigator.

	P. M.													
	1	"	N.	balm	0	29.99	84	82	81	be	ai aum	5	"	
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	3	"	"	8. W.	1	29.96	100000	100000	1000	"		5		l
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	1000 50				1	Charles Control of the	1 133	1000	1000		1 11 11 11 11 11	Total Control		1

, 1884

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Sight airs from N. E. hauling to N.M. Amerbid barometer 30.00. Clear hawse.

Light & M. Okeather overcast with frequent showers of rain. Garometer. rising. Lightairs from Aid, anerough barometer at end of watch 30.00. 82 In to Meridian, bloudy and raing during greater part of watch Sight sive from Cast how ling to SSW last how and increasing in force to gentle breeze, Received on board three old sails which had been sent on shore for repairs: also one new sail, seven windsails and one sail plan. at 10.55 loosed sail to a bowline; furled again at 11.40. Eyorder of Commanding Officer, John Glaherty 100 was given six days extra dety for insolence and disobeduite of orders and lobert & M. Farlands, (Os) was given ten days in double wons for disobedience of orders of loneswain of boat, al S. S. alert went up The rever bound for Danton, Ameroid baron eler 30.00. Signed. C. C. Sitter, Ensign. Meridian to 11 P. M. Partly cloudy I balon first hour, light airs from NW to SH remainder of watch Ameroid bar, 30.02. Clede hawse. Signed. W. M. Suvin! Sunt 4 to 8. P.M. Cloudy and pleasant, balm and light variable airs. At H. 45 prestered at quarters. Frank Matzimura was enlisted as landeman for cruise, blear hawse. Antroid barometer 30.011. 8 P. M to Midnight, bloudy, overeast and rainy greater part of watch, balu first part, light breize from Cast laster part, blear hawse. Ameroid barometer 30.06.

Signed. W. M. Srein. Seint Moonlanid Examined and found to be correct.

Dec 15° 37' 20" &

Phase, New moon. Mrt Parken Leint & Navigator.

		Of	Stone	cu	the	ris c	fee	ar	rd	-	Hong	Ston	g.	64	rena
	-	•••	WINDS.			BAROME	TER.	TEM	PERATU	TRE.		- 1	ear ns.	-	
Hour, Knots.	Fathoms.	Courses steered.	Direction.	Force.	Loeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sen.	Record of the sail the vessel is under at end of watch.
A. M.	/	ENE	balm			2000	CA	01	G		11	Our Gi	1	8	
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-			, , , , , , , , , , , , , , , , , , , ,												
Distor	000 FII	n by Log since prec	ording Noon									knots	fatl	homs.	
			cuing 100h									e c	,	"	
		D. R. at Noon					-						,	,,	
		by D. R. at Noon												"	
		Observations at No													
		y Chronometer from		rvation	is O							•	-	"	
Curre	nt du	ring the time	knots	fms. p	er ho	nr, settin	g to th	1e							
Varia	tion o	f the Compass by A	Implitude O obser	rved a	t Sun	rise						•		"_	
Variat	tion o	f the Compass by A	zimuth O observe	ed at								•	,	"	
Water	expe	nded during the pro	eceding 24 hours									40	0 g	allons.	
Water			during the pr	ecedin	ıg 24	hours								"	
Wate	r rema	aining on hand fit fo	or use at Noon									12	00	"	
Coal	eonsu	ned during the pred	eding 24 hours										200	lbs.	
		ning on hand at No									178		100		
Com	Cina	on hand at 110	ou.								","				
P. M.					T	1			1		T		T	T	
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-	Sures and	The second second second					1	1	1	1			100		

Longitude by Chronometer from Afternoon Observations  $\odot$ 

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Donnerces and until Hall. Olvedy with passing showers, Sight bruge from S. Jalling barowseter! Ameroid 30.02 at end of watch. Clark howse.

Signed It Jo Sears. Ensign!

It & S. a. M. Oloudy with passing rain squalls second hour of watch Sight airs from S & to S H. Garouseter rising, bross in howse! Ameroid barometter 30.07. Signed. A. O. Gitter. Enright 8aM to Meridian. Overcast and gloudy with heavy rain latter part Sight airs from S to A G and calms. Went to quarters at 9.30. Syorder of Commanding Officer placed Henry Marshall, 16 188.) in double drons for feve days for improper singing out aloft; also released Henry Alies from confinement- Received in Equipment Department to good of wood, aneroid barometer 30.10. Cross in house. Started fires for distilling. Signed. Or. M. Shvin. Lewst Meridian to 4 P.M. Overcast with passing showers. Sight bruge, variable in direction. Parometer pearly strady. Ameroid 30.06 dt end of watch. At 2.05 commenced, distilling: Served out monthly money, bross in howse.

It to 8. P. M. Partly cloudy Sight variable airs. At 11. got upland bent flying jit, forctopmast stayeail and main topsail. Received in Parturetes Department 100 lbs of candles and 33 /6 dozen pickles.

Ameroid barometers 30.00. Sum in the howe!

8 P.M to Midnight, Partly cloudy but pleasant weather with light pairs from 8 & Rising bahometer. Ameroid 30.08 at end of watch! Sum pairs from & B. Aising barometer! anirvid 30.08 at end of watch Jum in the hawse. Distilling. Signed. W. J. Sears. Ensegn

Hown land Examined and found to be correct.

Phase, First Or

Lecist- & Navigator.

			Off	Stonece	11	ter	1 %	rla	wa	d, C	No	ng Ko.	ug. l	he	na	9
				WINDS.			BAROMET	ER.	TEMP	PERATU	RE.	4		lear bs.		
Hour.	Knots.	-	Courses steered.	The same		. Yeu	Height in	Ther.	Air	Air Wet	Water	Wenther. by symbols.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
		Fatho		Direction.	Force.	Leeway	Height in inches.	att'd.	Air Dry Bulb.	Bulb.	at surface.			Prop Sky,		
A. M.																
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			in by Log since pred	ceding Noon		-							knots	iati	noms.	
			D. R. at Noon				-								Trans.	
			by D. R. at Noon										•	1	"	
			Observations at No										•	•	"	
			by Chronometer from										•	-	"	-
			ring the time				ar, setting	to the	е			-				- W
			of the Compass by A			Sun	rise						•	'	"	4
			f the Compass by A		d at								•		"	
	Water		ended during the pro										Ho	o ga	llons.	100000000000000000000000000000000000000
	Water		distilled	during the pro	ecedin	g 24	hours						230	0	"	
	Wate	rem	aining on hand fit fo	or use at Noon									310	0	"	* 15. 15.
	Coal	consu	med during the prec	eeding 24 hours								1	tons 19	60	lbs.	
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P. M.	1				1		122									
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-	777	The same			-			-	-	-	1					

Longitude by Chronometer from Afternoon Observations  $\odot$ Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until I a.M. Cloudy. Heavy showers of rain last two hours of watch, ameroid 30.16. Distilling. Signed. Namwright Kellogg. Suit I to 8 a. M. Clear and calmit Cleared house timbent sheet chain and restowed anchor and chain. Made preparations for coaling ship and at 1,00 a lighter game alongside, commenced goaling, at 7. 30 loosed sail to a bowline. Clear hawse, aneroid barometer Bo. 12 Signed. W. M. Trwin. Seul 8 am to Mendian. Cloudy with passing showers last half of watch. Steady barometer, balms to light variable pirs. Ameroid 30, 13 at end of watch. at 9.30 furled sail. Engaged in goaling ship. Clear howse. Chan ah Sti. ( ( &S) and Satacksi Ownchida. Ids' absent from the Ship without leave are by order of bommanding Officer declared diserters from the Naval Gervice from date. W.J. Sears. Ensign Meridian to 11 P.M. bloudy greater part of watch. Sightains from S. Wand galous. at 1. called tell hands and hove up port anchor, and shortened in to 30 fathours on Storboard Chain. Finished goaling ab 1.30 Received on board 75 tons, 15 below and be on deck, and 55 Goal bags. at 2. exchanged distinguishing permants with U.S.S. Palos. from Canton, Valor made signal 1611. Answered gost. anevid 30.07. Signed. Mainwright Rellogg. Sunt I to 8. OM. Oloudy but warm and yeleasant, bolms to libert jairs. Steady barometer, arrevid 30. 57 at end of watch, Soisted in Steam fulle, regged in boats and lower booms but on mast and yard Lovers and getting ready for sed, By order of Commanding Office Confined James Williams (Joj D.) for safe keeping while under the influence of intoxicating lequos. Sinued Of Course English 8 P. In to Midnight, bleavandhot, balm, androis 30.07. Moonlight. Signed Vainwright Helogg. Sunt

Moon land Examined and found to be correct.

Dec 18° 17' 11" S.

Thase First Or,

Lint & Navigator.

Steamer Esses , 3 Rate, 6 Guns, LOG of the UNITED STATES Off Stonecutters Island Hong Long China A. M. 6 x S. 30.00 82 81 81 6 × N. 30.00 82.81 81 30.00 82 81 81 bol 3000 82 81 81 30.00 82 81 81 30.00 828180 30.00 81 80 80 30.00 83 83 82 be 30.02 84 83 83 84 " Setall for and afteail 1 11 30.02 84 83 83 84 3 30.01 84182 82 86 " except spanker be 11 2 30.00 80 83 81 86 " Took in for and affect Noon. 29 knots 2 fathoms. Distance run by Log since preceding Noon · 35 '00" N Latitude by D. R. at Noon 113 . 43.30 " 6. Longitude by D. R. at Noon Latitude by Observations at Noon O Longitude by Chronometer from Forenoon Observations O. Current during the time knots fms. per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth O observed at 350 gallons. Water expended during the preceding 24 hours Water during the preceding 24 hours 2700 Water remaining on hand fit for use at Noon 5 tons 2148 Coal consumed during the preceding 24 hours Coal remaining on hand at Noon 192 " 1972 P. M. fir aun 29.99 80 84 84 85 29.98 8586 8488 3 29.9686868088 3 3 4 29.94.87 86 88 Pir Cum 3 29.91 8584 83 3 29.9185 84 83 3 29.94.85 84 80 84 n 3 0 29.94 85 84 80 3 3 3 11 3 Mid. Longitude by Chronometer from Afternoon Observations O 113 . 118 .00 .. 6 Longitude by Chronometer from Observations-Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by ag O 00'00"0

under the command of

# Saturday August 30.

, U. S. Navy,

, 1881/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a. M. Party cloudy Warmand pleasant Sight S. Wairs shifting to A. W. last hoter. Bartineter steady, at 2.15. started fires under six boilers. Ancroid 30.05. M. S. Hannum Ensign Il to 8. al. Gartly cloudy with passing showers. Steady barom der aneroid 30.08 at and of watch. at 5.25 called all hands up anchos got underway and steamed out of harbors, comed by Commanding Officer. Therage steam pressure 52. average revolutions 47. By Irder of Commanding Officer released James Williams. (Josto) from Confirment. Signed It fears. Ensegn and Wd, Smooth sea. all 30 mistered at quarters. At 8. 21 took departure. South end of Samoan Group bearing N Wby W. distant mile, Course S. Whey S. Speed 73/4 knots. Ships draft, forward 14 6" aft 16 6", but over the patent log; at end of watch it showed 31 hmiles. Officircleased John Burrance (OS) from confinement. Signed Wainwright Sellogg Sunt-Meridian to & P.M. Clear and pleasant Sight to gentle bruge from SW. to S. Wby S. Baron eter falling Alshder stetan; pressure 50 lbs and making 45 revolutions, Patent log indicating 66 Knots atend of watch. Soft eight of land on starbourd, quarter about 3. anieroed barometer 29.911 Signed. Soul Cohres Sint I to 6. P. Mr. Meather clear and pleasant, Gentle breeze from St. Barometer steady. Mustered at quarters at 11. 45. Sterring a course, S. M. by S. Steam 50. Ows 49. Anchood 29.99.

Signed. 6. P. Rus., Secul 6 to 8. O. M. Pleasant weather. Gonte bruge from Sd. Smooth seal anivoid baronseter 30.02. Steam 48 lbs. Cev 346. Patent log 99. Signed, M. M. Invine Sout 8 0 M to Midnight, Clear and pleasant, Sight breeze from Shy It. Smooth pea, Moonlight, Steam 45 lbg. Ches 47. Pat log 31. aheroid 30.01 Signed Hainwright Kellogg Sunt Moon Land Examined and found to be correct. Dec 18° 26' 08 " S. Phase, First Or Suit & Navigator.

under the command of

# Commander a. St. M. Comice V. V. S. Navy, Sunday. August 31, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

, +1,000	of A	1	11	0
Commences and until H. a.M.	. Weather	clear and	pleasant,	Gentle
Commences and until H. a.M. bruge from & Why S. Garomete	erfalling. 1	Under pleas	m, maken	9 43
resplictions with a pressure &	145 lbs. ar	served baros	meter 30.0d	1 ,
revolutions with a pressure	Segned.	Karl Co	hrer.	Suut
1 to 8 a. M. Weather clear and	placeant.	Gentle bre	eachony S.	dand Ild
De technique Stone brees	use 50 Pen	110 Paris de	Planmeters	3000
Jaron eus precuy, sum pass	Signed.	1. lo Co	) warmeres	20.00-
Barometer steady. Steam pries. 8 am to Meridian. Pharante	signer.	· 10.0.00	ces.	seems
out to fore the contraction of the contraction of	Jeginer, se	gut pass	My phowe	rs gerse
part. Gentle bruge from Son	umnaulu	ig to soy	on alex- or	ranged
cowese to & It /4 S. patent log	a reading	98. Set fore	and aftea	Macept
main trysail; took it in at b.	15. the win	d haveling	ahead. Ste	aning
Meridian to 11 P.M. Char a	cometer 30.0	o. Patent log	atend ofwar	ch 24
	Signed.	ON Mossice	in.	Sient
Minidian to 11 P.M. Clear a	nd warm	Sight to	moderate	bruse
Some Store ON Someath real Of	mercid 20 an	Steamed 4	5 lly Revy	1160
from & by M. Smooth pea, Or	11.4/	· · ·		
Same soy or	1 M	: : : !!	Hall do	1.
11 / 000 61	egnia Iva	the original	feerogy.	Luce
4 to 6 PM. Clear and plea				
S. S. W. Garometer steady. Uhr	der pleam,	making 46	swolester.	ns and
with a pressure of Hylls. Pate	ut logat er	ed of water	69.8. Chr.	roed
baromeler 29.96.				1
	eaned. Of	Parl Robert	er.	Sunt-
6 to 8. PM. Weather clear an	I bleneau	6. Gentlo b	ruse from	Sher Ot.
Barrens eter ate a de Sel all de	re and allo	il nto 115	Sterney 4	8 M
Prince 11/2 Pt 1 1 1 1 1	i une ugrac	uyen p. 40.	, source of	www.
blo 8. PM. Obeather clear and Barometer steady Set all for Revs 46. Catent log 86. Average	ra 90.00.	60	0	1.
8 O. M. to Midnight, Clear a.	Signed.	, ,	nees.	seemb-
Milo Midnight, Oliaya	nopleasa	ut, bright	moonleg	ut,
I TO THE WOOD OF THE COLLECTION	- / / / /	0 10 20 - 1		Uneroud
baroweter 30. 041, Steam 46 lbs.	Cevs 45.5.	Patent log.	18:	1
	Signed.	W. M. In.	vers.	Sunt

Moon Louid Examined and found to be correct. Dec 17° 44' 36" & Phase, First Dr

M. Tot Parkin

under the command of Commander a. St. M. Commick , U. S. Navy,

Monday. September 1et , 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Donnerces and until H a.M. Clear, and pleasant, Moderate bruge from South. Smooth sea, Steaming under six boilers, aservid 30.02. Patent log 50. Samwright Sellogg, Single 11 to 8 all. Heather blear and pleasant Light to gentle bruge from Sby It to SSM. Under steam, making 44 revolutions under 45 lbs pressure, Patent logat end of watch 80 knots, Gook in Longand afteaufat 7.56, Andervid barometer 30.03. 8. a. Mr. to Meridian. Weather glear and hot, Sight airs from Shy W. Barometer steady. at 8.15 changed course to Sby It 3/2 W. and at go to S by M. Mistered at quarters at 9.30. aheroid at end of watch 30.01 Steam 43. Revs 44 Catent log 13. Meridian to 11 P.M. Phaeant weather Gentle bruge from S. S. E. Smooth sea! at 12 33 changed course to S/2 It halent registering 17/2. Shifted fires from two after port boilers to two forevard betarboard ones. An eroid barometer 29.95. Steam 4316 Revolutions 1/2.5, Patentlog 45 11 to 6. PM. Char and whem, Sight airs from East, Smooth seal, al 4.45 mustered at quarters. Steam 116. Revs 46. Patent log 61. an ervid 29,97. at 11, 15 set fore and aft sail. Signed Namevright Kellogg. Sent 6 to 8. Olear and pleasant weather Sight breeze from & Chy & to Sby 6. Farometer rising Smooth sed Under steam pressure 48 lbd. Revs 46. Patentlogat end of watch 18 Knots. anervid barsmeter 30.00. 8 Mu to Midnight, Weather glear and pleasant, Lighairs from Id, growing stronger and hairling to & It last hour of watch! Saro meter steady Set all fore and aft sail at 11.40. Steam 46. Revs 48 Ameroid 30. 12. Patent log 12. Signed C. C. Reis. Leub Moon lovid Examined and found to be correct. Phase First Dr Sients Navigator.

	LOG	of	the	UNITED STAT	res e	Ste	an	ner	(	Ess	ea	,"			,	31	Rate, 6 Guns,
	0	Ma	Ku	ig pass o	ago from	1	lone	gh	on	90	6	Su	igapi	res			
				1	WINDS.			BAROME	TER.	TEMI	PERATU	JRE.	-		enr be.		
	Hour.	Knots.	Pathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths	State of the Sen.	Record of the sail the vessel is under at end of watch.
	A. M.																
	1	8	2.	S.	824	3		29.97	84	82	79	86	be	Qi cuni	7	8	Forward aft sail
	9	8	11	,	"	3		29.96	84	82	79	86	" .	,	7		Took in main trysail
	3	8	2		"	3		29.95	84	83	79	86	"	,	7	"	
	4	8	11		SxH.	2		29.95			//		"	Cir x	7	•	Took in fore and aff sail
	6	8	11		O'd It	2		29.94			//		*	Cir &	8		111
	7	8	0		Mo W.	2		29.95	100000	1000	//		*	•	7		Set for and afteails ex aft main tresail Setma
13°4	8	8	20		"	4		29.97			11			,	8	"	Intrail Took infra each
10903	2' 9	7	5		8894	2		30.011			, ,			Cir Cum			Set for and affeciles
	10	18	0		84	3		30.011	1000		//			Circum	7		0.
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	-	/						1.							1	.1	
		Distar	nce ru	n by Log since pre-	ceding Noon								190	knots 7	fath	oms.	*
		Latitu	de by	D. R. at Noon										3 ° 2	50	0"	Sr.
		Longi	tude l	by D. R. at Noon										09. 2			8
				Observations at N										13 ° 11		10"	St.
				by Chronometer fro									./	09.3	0'0	0 "	6
				ring the time , 5				nr, setting	g to th	ie				8. 13	0	,	
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1100				nded during the pro		eu at	0.	w.770.						How		-	9
		Water		naca during the pro	during the pr	ecedin	o 24	hours						400	ga	«	
				aining on hand fit fo										150	,	"	*
		70.		ned during the pred									15	tons 4	98	lbs.	2 9 9 12 X 1
		Coal	remain	ning on hand at No	on								147	" 2/3	18	"	
	_					_							-/				
	P. M.																
	1	8	0	8-/424	SWES	2	-	29.97	88	88	-81	86	bo	Circun	44		Set fore and aft sail is
	3	8	0		86 48.	3		29.94	1 87	85	81	86		"	7	"	Set fore and aft sail is
	3	2	00	Str.W.	110	3		29.92	86	85	81	86	"	,	11	"	det main trysail
-	.4	8	0.	24/0/	886.	2	-	29.92	86	85	80	86		."	5	1	Gook in fore and affect
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n	6	7	2	*	0	2		29.97		8:11			,	,	14	-	
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10902		8	2	*	_l sot	0 3		29.97	88		79		"1	Cune's	3	-	
	10	8	5		Sy.	2		24.99	85		79		bel	Cur our	1	"	Let tottail
	11	9	0	8, 24.04	2011.	3		30.00	88	79	79	82	1	Cir Cusa	10	"	Set fore and aft sail
	Mid.	8	6	10 - 11/4 M	*	3	13	30.00		79	79	82	60	-	1	1	
								10.00	1	17	17			"	6	-	
		Long	itude l	by Chronometer fro	om Afternoon Obse	ervatio	ns ⊙								,	"	
		Long	itude l	by Chronometer fro	om Observations			*							,	"	
		Varia	tion o	of the Compass by	Amplitude obs	erved :	at Su	nset						•	,	"	
ALCOHOL: N			13196	Company of the Compan													

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until I a.M. Pleasant weather. Gentle brugo from SM. having to Sby Mand falling light, Sighted land on starboard beam at 2.26. Moon bet at 2.34. Good in fore and aft eail at 3.46. Steam 47 lbs. Chos 45.6. Anevid ban 30.01. Pat log 45 Signed. 11 to 8. a. W. Clear and pleasant, light bruge at commencement of watch to moderate breeze from WS W. Smooth sea, al S. set all fore and aff sails. Steam 48. Per 47. Palent log to. ameroid 3.05. Sand in right on stod bow and beam distant about as miles. Signed. Hamwright Hellogg. Sent 8 aM to Meridian Meather clear and pleasant, Light to gentle bruge from & W. to SS W. Barometer steady. at 9.15 mustered and inspected abquarters. Under steam. making 46 revolutions with a pressure of 47 lbs. at 10. changed course to & /4 W.by order of Captain. Sand in sight on starboard bow, beam and quarter: Cape Vandel bearing bearing about two points on starbourd bours. Patent log at end of watch 11 Knots, anervid barometer 30.03. Signed. Harl Rohrer. Seet Meridian to 4 P.M. Weather clear and pleasant. Gentle bruge from Sdand Itd to Sd and Ed Saroweter falling. at 1. Ho set for and aft sail except main trypail, at 2.45 changed overse to Il Wand set main trysail. at 3, took in main infeail andat 3.45 look in all fore and aft sail. Steam 44. Aus 44. Aneroid 2999. Patent loop 144.
Signed. 6. O. Rus. Sunt Vent to quar barometer 30.00. Signed Will fraimed Signed Signed W. Mo Friend Sient 6 to 8. O.M. Clear and pleasant, Sight bruge from South. Smooth sea, Strawing along the coast, land being distant about to miles and in sight from h point on Starto and bow to broad off quarter. Bright moonlight. Straning under six boilers.

Oneroid 30.01.

Signid. Mainwright Kellogg. Sunt

Not midnight, Meather char and pleasant, Sight to gent to bruge from S. S. Ato St. Garometer rising. Under straw, making 46 revolutions under 47 lbs pressure, Landin sight on starboard bow beam and quarter. Patent logat end of watch 10 6 knots. at 10. changed gourse to Sby It the Why order of Capitain, asserved baroweter 30.05. Parl Sohrer. Seub Signed.

Monulauid

Deo 13° 53' 06" S.

Chase First Dr

The Parker.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.M. Weather partly cloudy and pleasant. Gentle breize from Sd, and Itd. Barometer falling. at 12. 45 set main trysail. at 300 look in fore and aft sail. at 3.85 the shoon set, aneroid atend of watch 30.00. Steam 43. Revolutions 46. Patent log 45. 11 to 8. a. M. Cloudy and hlbasant. Moderate bruge from & W by W. hauling to M.S. M. at day light sighted Occiv-de hele Island Searing the of Solby S. at 5. 30 changed course to Sby Wy H. patent logreding 57. Set fore and aft sail. at 7.20 changed gourse to SS W & M. hat ent log 74.5. Steam 46lbs. Rus. 45.5. Patentlog 78. aneroid bar 30.06. 8 aM to Meridian blear, and pleasant, Moderate bruge from West. Smooth sed, at 9.30 lost sight of bein do mer Island. Of 8.30 sighted Round Feband bearing South. at 8.55 pet-foresail, at 11.13 Bound Feband bore & by 6 /2 6! (abeam) Steaming under sia boilers. aneroid. 30.05. Patent log 10.5. Signed Wainwright Kellogg. Sient Meridian to U. M. Weather clear and pleasant, Fresh bruge from Wby S to Wol. Sarometer falling. Under steam and forefand aft sail, Steam pressure 45 lbs and praking 43 revolutions. Sost sight of Round Seland, astern, at 2.15. Anisod barometer 29.99.

4 to b. O. M. Weather cloudy and pleasant, Moderate bruge from W. Sarometer steady Mustered at quarters at 14 45, and exercised at fire quarters at 1450. Changed course at 145 to 8%. by S. aneroid at end of watch 29.99. Steam 45. Ows 45. Good in main trybail at 11. 45. Signed, b. G. Reis Sient-bla 8. PM. Pleasant weather Moderate bruge from WSW. Sea smooth Steam 49 lbs. aws. 50. aneroid bar. 30.03. Gatent log 74. 8 9 Mito Midnight, Clear and pleasant. Moderate bruge from West, Smooth sea Steaming under six boilers. Steam of Clus 50. Signed Mainwright Hellogg. Leest

Moon limid Examined and found to be correct.

Dec. 10° 49° 31" S.

Phase. First-Du

Sieit & Navigator.

under the command of Commander at the Commick , U. S. Navy,

Thursday September 11th , 1881.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until H a M. Weather clear and pleasant, Moderato to fresh bruge from It by S. Garometer falling Distilling water, Under steam and fore and last sail. Steam pressure 49 lbs. Revolutions 47. Patent log at end of watch 39. aneroid b arometer 30.00. Karl Robers. Sint growing equally last hour of watch. at 6.45 took in flying jib. at 6.50 cet main try bail and took it in again at 7.35. at 7.50 took in all fore and afreail aneroid at end of watch 30.06. Steam 50. Aus. 48. Patent log 7!. Sient Signed & Meridian bloudy and the atening. Moderate bruge from & Wby It to Wo W. Mustered at quarters at 9,15 lefter which exercise de at great guns. at 11. set all fore and aft sail except flying jib. at 11.50 look it in the wind hauling ahead. Steam 49. Rivs 49. Contraid bar 30.04 Patent log 103. Stopped distilling at 9.30 and used distilling boilers for steaming. Signed W.M. Trivin. Sient Meridian to H J.M. Cloudy Moderate frequent squalls of wind and rain from & W to West, Smooth Rea, Steaming under all boilers ancroid 30.00, Patent log at end of watch 398. a strong squall com-menced, at end of watch from West. Signed, Wainwright Killogg, Sunt 4 to 6. I. M. Weather overcast squally and rained Bruge stiffin squalls from Woll to & Why W. Garometer rising. Under Steam pressure 52lbs and making It revolutions. at 11,15 the fore topmast stayeail stay Carried away in the nip at the bee, hauled the sail intog the sheets and down hours, epilicid the stay and rove, and set it up again and made preparations to bend the sail. Patent logatend of watch 68.5. Smots, aneroid barometer 30.02. Signed. Hall Rohrer. Suub-Barometer steady ameroid at end of watch 30.06. Steam 52. Aus. 55. 8 9. M to Midnight Overcast and cloudy with frequent showers. Sentle breeze from WSW. have bright of Why Sand falling light, also set all fore and afterial except flying fib. at 9 to oktet in the wind hauling ahead. Steam 45 lbs. Part 50. Ameroid bar. Es. 10. Patent log 11.2 Signed. W.M. Irwin. Stirt

Thouse Full enoon,

Just & Navigator.

under the command of Commander a. H. M. Commick, U. S. Navy, Spiday September 5th, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dommercus and until 11 am Overcast Disagruable. Strong squalls deveng watch from & 6 to West, Very heavy rain during Intire watch & Steaming under all boilers. aneroid 30.08. Pathog 18. 11 to 8. a. M. Weather obercast, squally and bainy Bruge fresh in squalls from Wby & to & It. Parom the steady Mindel stam pressure 48 lbs. revolutions 149. Gatent log at end of watch 76.5 aneroid bar meter 30, 13. 8 all to Meridian Weather cloudy and pleasant, Gentle bruge from S. S. W. Barometer steady. At 900 changed course to SSI. Aneroid at end of watch 30.09. Steam 43. Aws 50. Patent log 10.5. Meridian to H. Overkast and cloudy first part, charing slightly latter part, Moderate bruge from & IN to South, Smooth sea, Palent log 46. Sleam 45, Rev 49, aneroid barometer 30.02. 11 to 6. C.M. Cloudy Bleaudent, Sight bruge from & S. M. Smooth sea. at 5. hauled fires and we boilers. Oneroid 30.04. Patent log 63.5.

bigned. Wainwright Kellogd Lint
bit 8. O. W. Clian and pleasant, Gentle bruge from Bby It. Barometer rising Smooth sea, Under steam fressure A5lbs, our obstions 46 Patent log at end of watch 80. Americal barons eter 30.05.

8. P. M. to Midnight, Weather generally pleasant. Sight bruge from I. S. W. Jarometh steady. at 113 started fires under two remaining boilers. Aneroid at end of watch 30.08. Steam 32. Revolutions. He. Patent log 10.8. Changed churse to S& Will It attio. 6. P. Peus. Sent

Moon Laried Examined and found to be correct.

Thase Full moon,

Frient & Navigator.

Longitude by Chronometer from Afternoon Observations ⊙

Variation of the Compass by Amplitude observed at Sunset

Longitude by Chronometer from Observations

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

		er. Sight bruge from	v.S.S.W.
Smooth sea, Steam 45 lbs. Choo	lutions 45. anero	ed bue 30.04 Palen	t-loa 112.
Se	and	W Ma Object	Sul-
11 to 8. a.M. Cloudy Hagy, St	ght breeze from s	outh, Smooth sea	, at 6.00
sighted high land Pulo Cor.)	bearing S. S. M. a.	t 6.55 changed gour	se to Souths
hatent log 68/2 miles: at 7.06 to 87	a It patent log 70 m	niles: patent logat es	nd of watch
na at end of watch Julo aos was	on starboard bow,	distant about 5 m	iles pouth
and bearing & St. Steaming w	nder six boilers. a	mervid 30.10.	0
	Segned. Man	swright Kellogg.	Luit
8 am to Meridian. Meather glid	and pleasant,	Hazy about the hor	igon. Sentle
bruge from Sby 6. Barometer st	lady. Changed,	gowise at 8.05 to 8 1/4	Wandjat
10. to to South by order of Captain	i: Muder steam,	pressure Holbs, an	dmaking
52 revolutions. Patent log at en	d of watch ILL Kni	Is. Only Clos island	barely
visible on starboard, quarter, at	11.30 Righled an is	sland from aloft a	ebout/a
Meridian to 11 O.M. Weather fran	Uneroid baromel	er 30.08.	1.
Mi 1: +11 Pan al A 1	signed.	Warl Johnes.	Sunt
Meridian 10 11 O. W. Weather par	ly cloudy and	measant. signi	airs grown
Sby 6. Garometer falling Land	Ill light is that	I all of One	at signed
una nea ae a for Nersburg Stant	Palent-los so	. D. M. Ju. M. Cunerola,	mi en a of
and headed for Hersburg Island watch 30.02. Steam 43. Pers 51. 0	Simed.	60. Q Poers.	Sint
4 to 6. P. W. Cloudy and three	tening round Le	aht breeze from s	8 S. It San
smooth, Bent top gallantsails,	crossed loh palla	It wards and ma	edensual
bruharations for host at 5 chi	mand course to s	W. hatent log show	veria 58.
at 5 23 to US It 3/4 W. hatent loa	ha at that time of	Harebyen Walth	11
	d. fur went with	The was and make	use bore
abeam fro! S.G. aneroid balom	eter 30.04	wis any significant	use bore
at 523 to US I Ju W. patent log of abeam frc. S. aneroid balow	Signed.	W. M. Frewer.	Suit-
6 to 8. P.M. Cloudy Stagy. Sle	signed.	Light airs from	Suist- S. W. Sea
6 to 8. P.M. Cloudy Stagy. She emooth Standing through	ghty pleasant, middle channe	Light airs from	Suist- S. W. Sea 265° sighted
emooth Standing through & Suigapore West, Of 7 change	ghty pleasant, middle channe d gourse to Uby	Light airs from l to Sugapore. a S. Garsed several s.	Suist- S. W. Sea 26 6 sighted ailing
Sungapore West, Ot of change	ghty pleasant, middle channe d gourse to Uby	Light airs from l to Sugapore. a S. Passed several s. Tueroid 30.08. Palent	Suist- S. It. Sea 26 6 sighted aling b.
emooth Standing through sugarore West, Och of change oursels bound to Ed, Steaming	ghty pleasant, middle chance of gourse to Uby under six boilers. Of Signed. When	Light airs from light airs from light several so Surviyed 30.08. Palent airwright Hellogg.	Suist- S. It. Sea 26 6 sighted aling logyb.
emooth Standing through Suigapore West, Ot of change vissels bound to Ed, Steaming it	ghty pleasant, and de chame of gourse to Oby under six boilers. Conder six boilers. Of Signed. Me	Light airs from light airs from light Surgapore. A S. Parsed several s. Truevid 30.08. Palent airwright Kellogg. earst, Light bruze	Suist- S. It. Sea 26 6 sighted aling logyb. from S. V.
Suigapore West, Ot of change versels bound to Ed, Steaming in 8 to 10. P.M. Weather somewhal	ghty pleasant, and de chame of course to Oby ander six boilers. Con Signed. Me cloudy but Isleas to anchor in Sim	Light airs from light airs from l to Singapore. A  S. Parsed several so  mirried 30.08. Palent  airwright Kellogg.  eart, Light bruze  gapore harbors in 4	Suist Sea Sighted arling to Suist fathoms
Suigapore West, Ot of change of some to Sto 10. P. Mr. Weather somewhat arone of water strady. At 9.10 come of water over it a to 30 Lathours	ghty pleasant, middle channel, d course to Uby when six boilers. Of Signed. Who cloudy but sleas to anchor in Sim	Light airs from Light airs from  l to Snigapore. a  S. Carsed several s.  Trieroid 30.08. Palent airwright Kellogg.  earst, Light breeze  gapore harbors in 4	Suist- S. It. Sea 26 6 sighted ailing logyb. from S It.
Suigapore West, Ot of change of some to Sto 10. P. Mr. Weather somewhat arone of water strady. At 9.10 come of water over it a to 30 Lathours	ghty pleasant, middle channel, d course to Uby when six boilers. Of Signed. Who cloudy but sleas to anchor in Sim	Light airs from Light airs from  l to Snigapore. a  S. Carsed several s.  Trieroid 30.08. Palent airwright Kellogg.  earst, Light breeze  gapore harbors in 4	Suist- S. It. Sea 26 6 sighted ailing logyb. from S It.
Suigapore West, Ot of change versels bound to Ed, Steaming in 8 to 10. P.M. Weather somewhal	ghty pleasant, middle channel, d course to Uby when six boilers. Of Signed. Who cloudy but sleas to anchor in Sim	Light airs from Light airs from  l to Snigapore. a  S. Carsed several s.  Trieroid 30.08. Palent airwright Kellogg.  earst, Light breeze  gapore harbors in 4	Suist- S. It. Sea 26 6 sighted ailing logyb. from S It.

Moon Caried Examined and found to be correct.

Dic 1° 18' 26" N.

Phase. Full moon

W. Park.

Variation of the Compass by

LOG of the United States Straits State , 32 Rate, 6 Guns, Suigapore. Straits Statements.

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			WINDS.			Bancocc	TER.	THOUSE	REPLETE	-			lear the.		
Bor.	Enus.	Courses stroved.	Direction.	Farre.	ray.	Height in	Ther.	Air	Mir Wa	uter	State of the Wenther. by symbols.	Forms of Chouds, by symbols.	of Cles	State of the Sea.	Depard of the sail the ressel is under at end of watch.
		Churses steared.	a-treditoti.	T. Wille	Loowny	inches.	attifiè.	Bulh I	Wet a	there.			Prop Bky,		
A.M															
Car	Lon	& SWx Dr	balus	0		30.02	82	81.	79		be	Ouge B	3	8	
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				1		30.00							2		
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	1	d6 × 6.	North.	1				The second			20		2		
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Noon	-	-		3		30-05	83	844	81		•		3	~	
				1									-	-0	
	Distance	e run by Log since pro-	ceding Noon								69	knots 4	-	bours.	
	Latitud	e by D. R. at Noon													
	Longita	de by D. R. at Noon												-	
	Latitude	by Observations at N	00a O											**	133
	Longito	de by Chronometer fro	m Forenoon Obser	restions	5 8									-	- Barrier
	Gurrent	during the time	knots	fms. pe	er hou	r, setting	to th	e							No. of the
		on of the Compass by A												-	
		on of the Compass by A													
		expended during the pro-										110		11	
	Walter	artement aming me to			- 01 1							~	0 8	WOUS.	
			during the pe		g 24 a	DOUTS .						15		-	
		remaining on hand fit f									-	150		-	
		asumed during the pre-									/	tons 20 2		lbs.	
	Coal re	maining on hand at No	60								63	= 211	6	-	
							1						-	1	
P. M			1.1	-					3	9	,				
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6		"		2		29.98									
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Mid.	1	2.00		2		30.01	184	184	10			"	1	"	-
-								-					1		-
	Longitu	ode by Chronometer for	on Afternoon Obs	erration	us O									-	
	Longita	ade by Chronometer in	on Observations			*									
	Variati	on of the Company by	Amplitude obs	erved a	at Sun	net									
	-														

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dominion and with Hall Generally cloudy and pleasant, with light airs and galous and station ary baronietes. Arrived 30.08. Halpine Sent Level It to 8. All. Meather cloudy and pleasant. Tight paralle airs and galous. Baronieter rising. Toosed bail at gite. Fires bahted under two boilers. Amend at end of watch 30.10.

8 Am to Meridian. Warm and hazy with light to gentle bruge from St. Beaut. Baronieter about steady. At 9.30 called all hands to must bread Orticles for Petter Government of the Mary, and had general muster, Sentan of lived to call on the IS Consul. Al 11.30 ash lighter came alongeids. Automoridate we of watch 30.10.

Meridian to the PM. Oleas and weather, Sight brigs from St. haveling to South. Baronieter falling Aryand backmeter 30.08.

Meridian to the PM. Oleas and weather, Sight brigs from S and S. S. G. The U.S. Consult paid a risit to the ship the light brigs from S and S. S. G. The U.S. Consult paid a risit to the ship qued. R. G. Biller. Cusion of O. M. to Midnight, Cloudy, Oleasant, Obscured moonlight, Sight Ely and S. B. Height, Resing baronieter, Stack water about 10.50. Mesel pading across the tide at the of watch. Obscured moonlight, Sight Ely and S. B. Height light bright about 10.50. Mesel pading across the tide at the of watch. Obscured baronieter 30.07.

Movwlanid Examined and found to be correct.

Phase Full moon

Linet & Navigator.

19 4 1									_			-		-	
			WINDS.	-		BAROME	TER.	TEM	PERAT	URE.	State of the	Forms of	of Clear in 10ths.	State	Record of the sail the vessel is un
our. Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Sky, in 1	of the Sea.	at end of watch.
Marko	~d	SE×8.	8	2		30.00	84	83	79		bo	Cum &	2	8	
		824.		2		30.00			//		,	"	5	"	
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7 "		OV.	"	1		29.98	83	80	78		,		2	"	-
8 "		AWXN.	WSW	1		30.05	83	80	78				3	-	1000000
9 -		NE +6	SW.	1		30.05	83	80	78			-	2		
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11		88 W.	S.	1	-	80.04	1	100	77		be		2		
oon.		"	SW.	1	1	30.03	82	81	78		,		2	-	
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Distar	nce ru	an by Log since pre	eceding Noon									knots	fat	homs.	
		y D. R. at Noon											,	"	
		by D. R. at Noon											,	"	
Longi														"	-
	ide by	v Observations at N	oon O												
Latitu		y Observations at N by Chronometer fro		ervation	ns O							•	,	"	
Latitu	itude	by Chronometer fro				our, settin	g to th	10					,	"	
Latitu Longi Curre	tude i	by Chronometer fro	om Forenoon Obse	fms. p	er ho	our, settin	g to th	1e					,	"	
Latitu Longi Curre Varia	itude l	by Chronometer fro	om Forenoon Obse knots Amplitude © obse	fms. p	er ho		g to th	10					, , ,	"	
Latitu Longi Curre Varia	ent du	by Chronometer from the time of the Compass by	knots  Amplitude © observ	fms. p	er ho		g to th	ne					, g	" allons.	
Latitu Longi Curre Varia	ent du	by Chronometer from the time of the Compass by	knots  Amplitude © observ	fms. perved a	oer ho	nrise	g to th	ne				Hoo	g	" allons.	
Latitu Longi Curre Varia Varia Water	ent du	by Chronometer from the time of the Compass by	knots  Amplitude observations observations 24 hours during the p	fms. perved a	oer ho	nrise	g to th	ne					g		
Latitu Longi Curre Varia Varia Water Water	ent du	by Chronometer from the time of the Compass by and the Compass by anded during the property of the Compass by anded during the property of the Compass by and the Compass by an and the Compass by an analysis of the Compass by analysis of the Compass by an a	knots  Amplitude © observeceding 24 hours during the p for use at Noon	fms. perved a	oer ho	nrise	g to th	ne				1/00 tons	g		
Latitu Longi Curre Varia Varia Water Water Water Coal	ent du ent du etion o r exper	by Chronometer from the time of the Compass by and the Compass by and the compass by and the property of the property of the compass of the compass by and the property of the compass of the compass by an animing on hand fit	knots  Amplitude © observed ob	fms. perved a	er ho	nrise	g to th	ne				1/00 tons	00	"	
Latitu Longi Curre Varia Varia Water Water Water Coal	ent du ent du etion o r exper	by Chronometer from the time of the Compass by an ended during the presentation on hand fit aimed during the presentation of the presentation of the compass by a series of the Compass	knots  Amplitude © observed ob	fms. perved a	er ho	nrise	g to th	ae			63	1100 tons	00	" lbs	
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Latitu Longi Curre Varia Varia Water Water Coal Coal	ent du ent du etion o r exper	by Chronometer from the time of the Compass by the	knots  Amplitude © observations observations  Azimuth © observations during the particle of th	fms. perved a	per ho	hours 30.00	84, 84	83 83 83 83	2 79	7	beg.	1/00 tons 8	00 16 n 2	lbs "	
Latitu Longi Curre Varia Varia Water Water Coal Coal	ent du ent du etion o r exper	by Chronometer from the compass by the Compass by the Compass by the conded during the promising on hand fit the compass on hand at No.	knots  Amplitude © observations observations  Azimuth © observations during the particle of th	fms. perved a red at	oer he sur	hours 30.00	84, 84, 83, 83, 83, 84, 84	82 82 82 82 82 82 82 82	2 79	7	beg.	1/00 tons 8	16 16 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	lbs "	
Latitu Longi Curre Varia Varia Water Water Coal Coal	ent du ent du etion o r exper	by Chronometer from the time of the Compass by the	knots  Amplitude © observations observations  Azimuth © observations during the particle of th	fms. perved a red at	oer he sur	hours 30.00	84, 84, 83, 83, 83, 84, 84	83 83 83 83 82	2 79	7	beg.	1/00 tons 8	200 16 2 3 3 3 5 5 5	lbs "	
Latitu Longi Curre Varia Varia Varia Water Water Coal Coal  . M.  1	ent du ent du etion o r exper	by Chronometer from the time of the Compass by the Compass by the conded during the promising on hand fit timed during the profining on hand at No.	Amplitude o observations of the proceeding 24 hours during the proceeding 24 hours during the proceeding 24 hours of the proceeding 25 hours of the proceeding 25 hours of the proceeding 26 hours of the proceedi	fms. perved a red at	oer ho	hours 30.00	84, 84, 83, 83, 83, 84, 84	8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8	2 79 2 79 2 78	7	beg.	1/00 tons 8	200 16 2 3 3 3 5 5 5	" lbs " " " " " " " " " " " " " " " " " " "	
Latitu Longi Curre Varia Varia Varia Water Water Coal Coal  M.  1	ent du ent du etion o r exper	by Chronometer from the time of the Compass by the	knots  Amplitude © observations observations  Azimuth © observations during the particle of th	fms. perved a red at	per ho	hours 30.00	84 84 88 88 88 88 784 784	8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8	279	7	beg.	1/00 tons 8	200 16 2 3 3 3 5 5 5	lbs "	
Latitu Longi Curre Varia Varia Water Water Coal Coal  M.  1	ent du ent du etion o r exper	by Chronometer from the compass by the Compass by the Compass by the conded during the promising on hand at No.	Amplitude o observations of the proceeding 24 hours during the proceeding 24 hours during the proceeding 24 hours of the proceeding 25 hours of the proceeding 25 hours of the proceeding 26 hours of the proceedi	fms. perved a red at	per he sur	hours 30.00	84 84 88 88 88 88 784 784	83 83 83 83 83 83 83 83 83 83 83 83 83 8	279	9998888888	beg.	1/00 tons 8	200 16 2 3 3 3 5 6 6 7 8	lbs "	
Latitu Longi Curre Varia Varia Water Water Coal Coal  .M.  1	ent du ent du etion o r exper	by Chronometer from the time of the Compass by the Compass by the conded during the promising on hand fit timed during the profining on hand at No.	Amplitude o observations of the proceeding 24 hours during the proceeding 24 hours during the proceeding 24 hours of the proceeding 25 hours of the proceeding 25 hours of the proceeding 26 hours of the proceedi	fms. perved a red at recedir	oer ho	hours 30.00	84 84 88 88 88 88 88 88 88 88 88 88 88 8	83 83 83 83 83 83 83 83 83 83 83 83 83 8	279	9998888888	beg.	1/00 tons 8	200 16 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	lbs "	
Latitu Longi Curre Varia Varia Varia Water Water Coal Coal  .M.  1	ent du ent du etion o r exper	by Chronometer from the compass by the Compass by the Compass by the conded during the promising on hand at No.	Amplitude o observations of the proceeding 24 hours during the proceeding 24 hours during the proceeding 24 hours of the proceeding 25 hours of the proceeding 25 hours of the proceeding 26 hours of the proceedi	fms. perved a red at	oer ho	hours 30.00	84 84 88 88 88 88 88 88 88 88 88 88 88 8	83 83 83 83 83 83 83 83 83 83 83	279	9998888888	beg.	1/00 tons 8	200 16 2 3 3 3 5 6 6 7 8	lbs "	

Longitude by Chronometer from Observations

observed at Sunset

at

Variation of the Compaes by Amplitude

, 18811.

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until La. M. Weather glear and pleasant, Light bruge from South. Barometer steady. Swang to ebb tide pat 12.30. Ameroid bar-Signed Karl Robers. Liest 11 to 8 a.M. Cloudy and pleasant with light airs, and galms. Loosed sail. aneroid baron Ster 30.10. Sudden rise in Barometer last hour. Signed. N. J. G. Halpine. Ensign 8 a Me to Meridian. Weather gloudy with heavy showers of rain at 9.00. Winds light and variable. at 8.44 fireled and unbent topsails and foresail. Byorder If Commanding Officer placed Thomas Noon. DeBire) in double brins for ten days for insubordination and disrespect to Superior Officer. Oneroidat end of watch 30.09. Signed, O. P. Rus. Leut Meridian to 11. PM. Cloudy and hazy with light bruge from & S W. Falling barometer. Several steamers carrier from South during watch. Received in Equipment Department 30 fib hanks. Anevoid at end of watch 30.02 4 lo 8. P.M. Pleasant weather, Light pairs from S. S. W. al-5 to called all hands and bent the topsails, foresail and fore topmast staysail. Occured on board in Engineer's Department 327 gulls olive oil, 50, galls teavoil, 96 lbs of . insertion rubber, 7 lbs of asbestos packing. 200 lbs of waste and 2 lbs. of chalk. Aneroid barometer 30.02, American bank Victor left the harbor. 8 P. M. to Midnight, Hazy Pleasant, Light bruze from S. S. E. Arrevold 30.05, Moonlight, Signed Wainwright Hellogg. Level

Moon lonid Examined and found to be correct.

Thase. Full moon

Livet & Navigator.

LOG of the UNITED STATES Steamer Geers, 32 Rate, 6 Guns,
Off Singapore Straits Settements.

3969		WINDS.		BAHOM	ETER.	TEMP	ERATURE.	State of the	Former	Hear the.	Senen	The second
lour. Knots.	Courses steered.	Direction.	Force.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb. Wate at surface	WET	Forms of Clouds, by symbols.	Prop of Cler Sky, in 10ths	State of the Sea.	Record of the sail the vessel at end of watch.
. M									1			
	ed S. S. Sk.	824	2	0008	84	81.	18	lo	Qi cum	6	8	Charles Comment
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10	6×N.	balm	0	30.01	/	77	74	bep	-	/	"	
11 -	616	11	0	30.03	//	78	75	be	"	1	"	
ioon.	WIV.	It.	2	30.03	79	78	75		-	1	"	
			-	- K	1	1 1					-	
Distan	ce run by Log since pro	eceding Noon							knots	fatl	homs.	
Latitu	de by D. R. at Noon										**	
Longit	nde by D. R. at Noon									,	*	
	le by Observations at N	ioon O									"	
ADDIN	an of a contraction of a										"	
	ndo he Chennengtar for	orn Forancon Oho	-	0								
Longit	ude by Chronometer fr											F1 6 2355
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Longit Currer Variat	at during the time	knots Amplitude ⊙ obs	fms. per	hour, setti	ag to th	he						
Longit Currer Variat Variat	ion of the Compass by	knots  Amplitude O observation observation	fms. per cryed at a	hour, setti	ng to ti	he					"	
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Currer Variat Variat Water	ion of the Compass by	knots Amplitude ⊙ observation	fins, per erved at	hour, setti	ng to th	he						
Curres Variat Variat Water Water	ion of the Compass by ion of the Compass by expended during the p	Amplitude © observeceding 24 hours during the p	fms. per erved at red at	hour, setti	ng to th	he				00	llons.	
Currer Variat Variat Water Water	ion of the Compass by ion of the Compass by expended during the partial of the distilled	Amplitude © observeceding 24 hours during the p for use at Noon	fms. per erved at	hour, setti	ng to th	he			6.	00	allons.	
Curres Variat Variat Water Water Coal e	ion of the Compass by son of the Compass by expended during the partial of the compass of the partial of the compass of the partial of the compass of the co	Amplitude © observeceding 24 hours during the p for use at Noon- eceding 24 hours	fms. per erved at	hour, setti	ng to ti	he			6. 13. tons //	00	allons.	
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Currer Variat Variat Water Water Coal e	ion of the Compass by expended during the product of the Compass by expended during the product of the consumed during the consumed duri	Amplitude © observeceding 24 hours during the p for use at Noon- eceding 24 hours	fms. per erved at	hour, setti	ng to th	he			6. 13. tons //	00	allons.	
Currer Variat Variat Water Water Coal e	ion of the Compass by ion of the Compass by expended during the product of the compass on hand fit consumed during the pre-	Amplitude © observeceding 24 hours during the p for use at Noon- eceding 24 hours	fms. per erved at red at	hour, settii Suurise 24 hours				147	6. 13. tons // a /	56	allons.  " " Ibs. "	
Coal c	ion of the Compass by expended during the product of the Compass by expended during the product of the consumed during the consumed duri	knots  Amplitude © observation	fms. per cryed at red at	hour, settii Suurise 24 hours	82	2 80	/	147 be	6. 13. tons //	56	allons.	
Coal e	ion of the Compass by ion of the Compass by expended during the production of the Compass by expended during the production on sumed during the processing on hand at North Compass of the Comp	knots  Amplitude © observation	fms. per erved at red at	Sunrise  24 hours  30.01	82 82	2 80	76	be se	6. 13. tons // a /	56	allons.  a lbs.  a	
Coarres Variat Variat Water Water Coal e Coal s	ion of the Compass by ion of the Compass by expended during the product of the compass on hand fit consumed during the pre-	knots  Amplitude © observation	fms. per erved at red at	Sunrise  3.01  3.01  3.00  3.00  3.00	82 82 82 84	2 80 80	76	147 be	6. 13. tons //	56	allons.  a lbs.  a	
Courses Variat Variat Water Water Coal e Coal s	ion of the Compass by ion of the Compass by expended during the production of the Compass by expended during the production on sumed during the processing on hand at North Compass of the Comp	knots  Amplitude © observation	fms. per cryed at red at	3.00 30.00 30.00 29.9	82 82 82 84 88 84	2 80 80 80 81 81	76 78 78	be se	6. 13. tons // a /	60 56	allons.	
Coarres Variat Variat Water Water Coal e Coal s	ion of the Compass by ion of the Compass by expended during the product of the compass on hand fit consumed during the premaining on hand at No.	Amplitude © observations of the proceeding 24 hours during the proceeding 24 hours during the proceeding 24 hours door	fms. per cryed at	30.01 30.01 30.01 30.01 30.01 30.01	82 82 83 84 7 84	2 80 2 80 2 80 2 81 4 81 4 82	76 78 78	be se	6. 13. tons //	56	allons.	
Correct Variat Variat Water Water Coal e Coal r	ion of the Compass by ion of the Compass by expended during the production of the Compass by expended during the production on sumed during the processing on hand at North Compass of the Comp	knots  Amplitude © observation	fms. per cryed at red at	30.01 30.01 30.01 30.01 30.01 30.01	82 82 82 84 88 84	2 80 2 80 2 80 2 81 4 81 4 82	76 78 78 78	be be	6. 13. tons //	60 56	allons.	
Coal e Coal e  Coal e  Coal e  Coal e	ion of the Compass by ion of the Compass by expended during the production of the Compass by expended during the production on hand fit consumed during the production on hand at No.	Amplitude © observations of the proceeding 24 hours during the proceeding 24 hours oon	fms. per cryed at	30.01 30.01 30.01 30.01 30.01 30.01 30.01 30.01	82 82 83 84 7 84	2 80 2 80 2 80 2 81 4 81 4 82 3 82	76 78 78 78 78	be be	6. 13. tons //	60 56	allons.	
Coal e Coal e  Coal e  Coal e  Coal e	ion of the Compass by ion of the Compass by expended during the product of the compass on hand fit consumed during the premaining on hand at No.	Amplitude © observations of the proceeding 24 hours during the proceeding 24 hours during the proceeding 24 hours door	fms. per cryed at red at	30.01 30.01 30.01 30.01 30.01 30.01 29.9 29.9 29.9	82 82 84 88 84 784 84 784	2 80 2 80 2 80 2 81 4 82 3 82 9 82	76 78 78 78 78	be be	tons 11 a 1  Caux 8, minus	60 56 3 3 2 2 2	allons.	
Correct Variat Variat Variat Water Water Coal e Coal r  2. M. 1	ion of the Compass by ion of the Compass by expended during the production of the Compass by expended during the production on hand fit consumed during the production on hand at No.	Amplitude © observations of the proceeding 24 hours during the proceeding 24 hours oon	fms. per erved at red at	30.01 30.01 30.01 30.01 30.01 29.91 29.91 29.91	82 82 88 88 78 78 78 78 78	2 80 80 80 82 82 82 82 82 82 82	76 78 78 78 78	be be	tons 11 a 1  Cauxing numb  Civ Cun  Cis Cun  ""  Cis Cun  ""	100 56 10 3 3 2 2 9 9	allons.	
Correct Variat Variat Variat Water Water Coal c Coal r  2 M. 1	ion of the Compass by ion of the Compass by expended during the production on hand fit consumed during the premaining on hand at No.	Amplitude © observations of the proceeding 24 hours during the proceeding 24 hours oon.	fms. per erved at receding	36.01 36.01 36.01 36.01 29.9 29.9 29.9 29.9 29.9 29.9 36.0	82 82 82 84 7 84 7 84 7 83 7 83 7 83 7 83 7 83 7	2 80 80 80 82 82 82 82 82 82 82 80	76 78 78 78 78	be be	tons 11 a 1  Caux 8, minus	100 s 6 s 6 s 6 s 6 s 6 s 6 s 6 s 6 s 6 s	lbs. a	
Coarrest Variat Variat Variat Water Water Coal e Coal e  1 2 4 4 5 6 7 8 9 10 10	ion of the Compass by ion of the Compass by expended during the production on hand fit onsumed during the premaining on hand at No.	Amplitude © observations of the part of th	fms. per erved at red at	36.01 36.01 36.01 36.01 39.91 29.91 29.91 29.91 29.91 36.01	82 82 82 84 7 84 7 84 7 83 7 83 7 83 7 83 7 83 7	2 80 2 80 2 80 2 82 3 82 3 82 2 80 2 81	76 78 78 78 78 78 78 78 78	be be	tons 11 a 1  Caux 8, numb  Cis Caux  Gis  ""	00 60 56 1 0 3 3 2 2 9 9 7 7 7	allons.	
Longit Curret Variat Variat Water Water Coal e Coal r  1 2 4 7 8 7 9 10 11 1	ion of the Compass by ion of the Compass by expended during the production on hand fit onsumed during the premaining on hand at No.	Amplitude © observations of the proceeding 24 hours during the proceeding 24 hours oon.	fms. per cryed at receding	30.01 30.01	82 82 82 83 78 84 78 84 78 83 78 83 78 83 83 83 83 83 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	2 80 2 80 2 80 2 82 3 82 3 82 2 80 2 81 2 81	76 78 78 78 78 78 78 78 78 78 78	be be	tons 11 a 1  Caux 8, numb  Cis Caux  Gis  ""	100 s 6 s 6 s 6 s 6 s 6 s 6 s 6 s 6 s 6 s	allons.	
Coarrest Variat Variat Variat Water Water Coal e Coal e  1 2 4 4 5 6 7 8 9 10 10	ion of the Compass by ion of the Compass by expended during the production on hand fit onsumed during the premaining on hand at No.	Amplitude © observations of the part of th	fms. per erved at receding	30.01 30.01	82 82 82 84 7 84 7 84 7 83 7 83 7 83 7 83 7 83 7	2 80 2 80 2 80 2 82 3 82 3 82 2 80 2 81 2 81	76 78 78 78 78 78 78 78 78 78 78	be be	tons 11 a 1  Caux 8, numb  Cis Caux  Gis  ""	00 60 56 1 0 3 3 2 2 9 9 7 7 7	allons.	

Variation of the Compass by Amplitude observed at Sunset

Livet & Navigator.

, 1887/

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.M. Cloudy Pleasant, Obscured moonlights Sight S. W. bruge shifting to S. S. Elast hour. Steady barometer. Elb tido. Ohervid barometer 30.014. Signed. W. S. Hannum. Ensign! 1 to 8. a. In. Weather overcast, equally and rainy. Bruge light to fresh in squalls from S. S. & to A. W. Garometer rising. Started first under two forward starboard boilers for distilling purposes. Precion live lighters of goal along side, Ameroid barometer 30. 15. Signed. Karl Achres. Sunt 8 al to Meridian. Cloudy with passing showers, Sight airs and calms. Stationary barometer, Engaged in godling and brovisioning ship. Received in Pay Department 8 bbls of buf, & bbls of port, 10 bbls of flour and 24 boxes of tobacco, aneroid barometer 30,08, all g.15 started distilling. Meridian to 4 P.M. Cle ar and warm, Light bruge from S. E. Barboneter eleady. Received on board of 8 tons of coal in Equipt Dept, 3/2 bags ofrice in Jay Dept, & times of copal varnish and 11 lines of Demar varnish in bonstruction Dept and so large envelopes, I bottle of red inter and I clock in Navigation Dept, Making preparations for sea Ameroid at end of watch 30.01 H to 8. O.M. Clear, and pleas and with light bruge variable in direction. Mushipped port accommodation ladded, secured boats, row gat and fish, put cover on main tops ail and prepared for sea, Distilling, Ameroid 30.04.

8. Om to Midnight, Clear and pleasant, Sight Soairs, Sightning about horizonto Vid. Piec on board in Pay Dept, 177 lbs fresh beef, 179 lbs of vegetables and 16 loaves of bread, Ameroid barometer 30.04.

Signed R. O. Bitter. Busique. Signed R. O. Gitter. Moon land Examined and found to be correct. Dec. 13. 13. 45" N. Phase Gullmoon

Variation of the Compass by

LOG of the United States Steamer Essex, 3d Rate, 6 Guns,
Off Singapore Straits Settlements.

				91	7	1		-									
	-		-1		WINDS.			BAROMET	ER.	TEM	PERATU	RE.			lecr be.		A STATE OF THE STA
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther:	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Een.	Record of the sail the vessel is under at end of watch.
	A. M.												,				
	Can	cho	red	Ext.	86	1	-	30.01	80	80	78		be	Que to	11	8	
	2	-			,	1		30.01			78		bel	gir cum	7	"	
	3	,		Stred.	,	,		30.01	80	80'	78		"	Cirprines	6	,	
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n	6	,		,	821	2		30.02			/		"		2		
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		4	10	d + 6 1/4 %.				1									
		Distar	ce ru	n by Log since pre	ceding Noon								311	knots O	ter	this	
				D. R. at Noon										Rilots 0	,	"	
				by D. R. at Noon												"	
				Observations at N											1	"	
							-									"	
118				y Chronometer fro													
110				ring the time				our, setting	to the	he							
				f the Compass by			t Sur	rise						•	•	"	P. Section 1
1				f the Compass by A		ed at								• /	-	"	
				nded during the pr										110	o gr	allons.	
		Water	-		during the pr	ecedin	g 24	hours						190	0	"	
		Water	r rema	aining on hand fit f	or use at Noon									280	0	"	
		Coal	consur	ned during the pre	ceding 24 hours								6	tons 57	80	lbs.	
		Coal	remain	ning on hand at No	on								140	" 18	16	"	
		F						-		-	-	_					
	P. M.	1000		11811.8		-							1				
	1	26	0	886/46.	886	4	1	30.01	83	81	179	86	be	Cur oun	n 4	1 "	
	2	25	0	86×8.	"	3-5		29.99	81	1 83	3 78	86	beg		2	-	
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	8	6	8			3			1		/	//		1	8	1000	
	9	M	0	SEXS.		3		30.01	3000	1000	1 78	//	11	çiv			
	10	1	1000	50.0		3					/	//	bel	feel	9		
	11	17	0			3		30.02	4 350	300	/	//		"	9		
044	Mid.	1	0	"		3		30.03	1000		1	79	-	"	9	"	
1/200	To.	17	5	"	1	3	+	30.03	80	83	78	79		Civ-eu	m 1	7 "	2
1000	1	7									-	-					
				by Chronometer fr		ervation	ons G							•		"	
	*			by Chronometer fr				*								"	
		Vari		of the Compass by	Amplitude obs	erved	at S	unset							,	"	-

, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dommences and until 1 a. M. bloudy. Slighty misty Mounlight, at 2.00 started fires under four boilers. Distilling averoid 30.04.

Signed. Vainwright Kellogg. SiestUto 8. a. M. Cloudy Phaeant weather. Sight St. bruge. Obsing barometer. at 4. 45 stopped distilling. at 7. 54 got underway and stood out of harbos. 8 a Muntil Meridian. Weather pleasant, Gentle brugo from South, lo S. S. E. Garometer steady. Stoodout of the harbor of Sungapore and down This Stile captain directing the course. Passed two Dutch gurbouts, each having a launch in tow and standing towards Singapore, Under steam, presswe 45 lbs, making 47 revolutions. Palent log at end of watch 33 knots. By order of Capitain put ship on course & by S. then changed to Endat 9.35: 8 at 9.45; 6 86 / 6 at 9.55; S. S. 6 / bal 10.20; Sby 6 /2 6 at 10.30; & & 6 pat 10.45; Sby 6 9/4 6 at 11. 10; Sby 6 / 6 at 11.18; Sby 6 3/4 6 at 11.30 and to SS 6 / Lat 11.55. An. Signed. Harl Rohrer. Quel-Meridian to 11 9. M. Weather gloudy but pleasant, Gentle breeze from Sdand Ed. Garometer steady. Standing through this Strails first half of watch, under direction of bounda Officer. at 2.06 took departure, Sittle Gorras Id Sight bearing & Wby W. ervid at end of watch 30.01. Steam 41! Revs 47. Pat. log 66.

1 lo 6. Pil Pleas aut weather, Gentle to moderate bruge from SSE. Smooth Lea, Mustered at quarters at 11. 45, Parsed a steamer bound to the Ad and Hos areroid barons eles 30.011, Steam 115 lbs. Avs. 47.

Signed. W. M. Srwin Leav and pleasant, Sight bruge from SSE. Smooth seas Steamsigned . Warninght Obeather glear and pleasant, Bentlebruge from S. S. E. Granometer steady, Moon pose at 10.10. Winder steam, pressure 41 lbs and 44 revolutions. Patent log at end of watch 25 knots, Changed course at 8 an ervid barowetw 30.09 Hart Schrer! Signed. Link

Moon and Examined and found to be correct.

Ohase Gull moon.

Mork Legel & Navigator.

Longitude by Chronometer from Observations

observed at Sunset

Variation of the Compass by Amplitude

Commander a. A. M. Conneck , U. S. Na Thursday September 11th , 1884. under the command of , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Dommerces and until 11 a. M. Meather clear and pleasant, Bright provilight, Gentle breeze from S. S. E. Baronseter steady. Aneroid about of watch 30.07. Steam 44. Our 46. Patent log 53.

Lito 8. a. M. Cloudy and raine, clearing latter part. Moderate breeze from S. S. E. Smooth sea, at 50 sighted Jaya Island, bearing per Mest, Out 6 sighted the Seven Selands, bearing for S. S. E. Steams 41. Aus 44. Palent Hog 88. Aneroid baronseler 3s. to. M. M. Snuin. Sint 8 all to Meridian. Slightly hapy, Varm, Sight bruge from South. Smooth sea, Sand in sight on starboard beam and bows! Island of Buta) at end of watch. Steaming under six boilers. Galent logat end of watch 17. al-8. 47. changed course to Sofr W. Aneroud 30.08. Meridian to 11 P. Mr. Weather glear land pleasant, Brugemoderate to fresh from S by 6 to S. S. C. Under steam, pressure 42 lbs and making 465 revolutions, Galent log at end of watch 49.5 knots, Land in sight on fort bow and beam and from 3 oclock on starboard bow, Sighted Olian light house on port bow at 2,15 and Ration Fourt light house two points on port bow at 2.30. an american ship prassed elanding to Nd, who dipped her colors which civility we returned. By order of baptain changed course pat 2.15 to S/r 6. patent log 36; at 2.50 to Sby 6/r 6, patent log 45 and at 3.30 Tho noon 20 fire was beleased from Conjinumits igned. That Roberts, Deleased from Conjinumits igned. 1 to 6. O. Mr. Weather char and pleasant, sight bruge from Sd and Ed. Garometer steady. Standing through Banka Strail under derection of baptain. al. 4. 45 Mintok light bore NE by 6/48, Shaped Course S. C. at end of watch Mintok light Bore NNW/4 V. anivoid 30.02, Steam 41. Cus 46. Patent log 611. 6 to 8. PM. Clear and pleasant Fresh brugo from & Eby S. Smooth seas at 6.45 changed course to \$6 /2 S. Patent-log for at 6.45 stopped and got up and down cart of lead in 8 faths walls, started pheady at 6.52 aby. 48 Mintol light disappeared from vino bearing ho, MM/4 It Steam 40 lbs, Revs. 115, Pateril log 78.8. aneroid barometer 30.08. Signed, M.M. Trivin. 8 PM to Midnight, Slightly haly, Pleasant, Moderate bruge from 68.6. Smooth sed, Standing down Banka Strait until 9.10, when the ship was brought to and anchored below Third point in 11 faths. water, Vered to Bo fathous on starboard chain Santed fires, anervid 30. 10. Patent log at time of anchoring 86.8. Signed Wainwright Allogg Sunt Mogniforial Examined and found to be correct.

Of 17° 44'53" N. Phase Full moon. marken Leich-8 Navigator.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dommences and we til Ha. Mr. Weather clear and pleasant, Gentle to moderate breeze from & B. Barons eter falling slowly. Fines banked. Aniroid barons eter 30.09.

Signed Karl Rohrer, Sient 11 to 8. a. In. Weather clear and pleasant, Gentle bruge from Sd & Ed. Garometer rising Got underway at 5.55 and stood down Banka Strts under direction of bounding Officer. Rounded Derde Stat 2.00 at end of watch West Naugha I'd bort NO how and Derde Ot A Who. and 30.13. Steam 44. Rev 46. Patent log 2.5. Signed. C. Chesi Sunt 8 aM until Meridian, Clear and warm, Moderate bruge from S. E. Smooth sea, at 9.15 went to quarters and inspected the crews, at 9.25 changed course to S. S. G. patent log 16 kinsts; at 10. Changed course to SE by S. patent log 19. During watch standing down Banka Straitun der ghuidance of bornedg Officer. Stam 45, Pers 48, Patent log 36, aneroid bar 30.09. Signed. N. M. Triver. Lieut Meridian to 4. P.M. Clear and wards, Sight to moderate bruge from St. Sea smooth, Standing down the Straits of Banka. at 12.05 changed course to Sto at 12.26 to 6 86, at 12.48 to 86/28, at 1.35 to 8 3/46, at 1.47 to Sby 6, at 2 to Sby 6/46. (at 2.12 to Sby 6, at 2.28 to Sby 6 /46, and at 2.36 to S. S. 6 3/4 6. al 2.40 Sucipara light Phip bore No by 8 1/4 6, distant about 200 yards. at 3. 36 Sucipara Island bore A & by 6 1/1 6. Patent log at end of watch 68. Steaming under six boilers. aner pid 30.05. Signed Wainwright Rellogg. Sent 11 to 6. I. M. Weather clear and pleasant. Moderato breeze front S. S. C. Sarometer steady. At & commenced swinging ship for compars deviation, beginning with South and taking every fourth point, finishing at 4. 40, and putting The ship on the course & & by S. by order of captain. Set fore, and aft sail. Under Steam, pressure 38 lbs, and making 14 revolutions. Patent-log 83. aneroid bar. 30.07. Signed Harl Cohrer. Sint Stade O. Weather clear and pleasant, bright Gentle bruge from 686. Saroweler 8 Pla + 9: 1 Line Signed Signed G. O. Cles. from & Bridnight, Clean, and pleasant, bright starlight, Moderate bruge from & &. alg set for and aff Rail, at 10 changed course to 8 1/4 6. patentlog reading 10.5, Steam 18. Our 47. Averoid barometer 30.10. Patentlog 29.5.

Signed. W. St. Drivin. Sint

Moulanid Examined and found to be correct. Phase Last Dr.

Higiet & Navigator.

LOG of the UNITED STATES

Sommander a. H. M. Connict J. U. S. Navy, Saturday September 13, 1884. under the command of RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences, and until I a.M. Clear and pleas ant. Sight bruge from 6 Sto. Smooth sea, Steaming under six boilers. Moon arose al 12.45. Patent log 64.5 ancroid 30.10. Signed. Mainwright Kellogg. Seut 4 to 8. a.M. Olean and pleasant weather. Moderate breef from & 6. Barometer rising. at 500 sighted North Watcher light about 1/2 points on starboard bow land by order of Captain changed course to N/2 It patent logy 8.11 at 6. changed churse to 81/4 W. patent log & Knots: at y changed gourse to S/1 6. patent log 89 and at 7.30 changed course to S'S & for & patent log 94 knots, the charges of course all by order of the Captain. Passed a Dutch gun boat standing to Old, Sighted several islands on starboard bow, some of which were kin sight all 8. North Watcher light house about two points about starboard bearing at 8. Patent log 98 at end of watch. Under steam. pulesure 43 lbs, and 47 revolutions. Orderoid baroneter 30.16. 8 a M to Meridian. Weather clear and pleasant, Gentle bruge from SE. Garometer steady, Standing down to Ed of the Thousand Islands under direction of the boundy Officer. at 1150 parsed South Watcher Island bearing 6 A 6. distant - 1/4 philes. anived 30.12. Steam 114. Rev 49. Patent log 32 Signed. G. P. Ries. Jewel Meridian to 11 C.M. Clear, and warm, Sight brugo from S. at 145 changed course to Sbij 6 1/2 6. patent log 47. at 2.07 to Sby 6/4 6. patent log 50. Standing into Batavia harbor for an anchorage, Set go port duchor in 5% faths water, vering to 30 faths chain Sattevia light house S. S. 6 1/4 6. Edain lighthouse N by 6 9/1 6. Ship's head 686. Occived an official visit from Dutch man of loar tendering the usual Courtesies. Commanding Officer left the ship to pay official visits to the Thagship Leipsie and Bu ardship Prince Trediric II. Hoisted out steam Puller, Banked fires. Ameroid bar 30.08. Ships draft ford 13'3", aft 15'10". Ho & P.M. Clear and pleasant, Light bruge from It and & anewed barometer 30.08. Sent boarding officer to american shipping in boil Signed. of J. D. Halpine. Ousign 8 PM to Midnight. Olear, and pleasant with light bruge from S. B. 6. Julling baroweter. Banked fires under four boiles. Amerond 30.08 at end of watch. Ensign M. Cears. Signed. Moon boild Examined and found to be correct. Phase, Last Dr. myrant Leinby Navigator.

		(	Of Bu	atai	via!	d	4	Las	de				
			WENDS.		BAROMETE	II.	TRAPE	ATURE.			pp.	1	
Hour.	Konta	Courses storred.			Height in T		Air A	ir Water	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths,	fate fibe	Record of the sail the versit of water
			Direction.	Force.	Height in I inches.	at'd. B	nih Bu	ot at surface			Prop Bky,		
A.M.													
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			-	1	30.08	82	10 7	7		-	7	-	
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Noon.	,	-		1	30.08	8	828	70	-	7	7		
											4	1	
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	Latitud	e by D. R. at Noon									•	-	
1	Longitu	ide by D. R. at Noon										"	
	Latitud	e by Observations at N	foon O						•			"	
1	Longitu	ide by Chronometer fr	om Forenoon Obse	rvations (	9						*	"	
	Carren	t during the time	knots	fins. per	hour, setting	to the							
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	Variati	on of the Compass by	Azimuth @ observe	ed at							-	-	
	Water	expended during the p	receding 24 hours							Lo	, gall	lons.	
	Water		during the pr	receding 2	24 hours								
	Water	remaining on hand fit	for use at Noon							120	0 "		
	Coal co	onsumed during the pro-	eceding 24 hours						a	tons /2	80	Ibs.	
	Coul re	emaining on hand at N	oon						93	« 16	46	"	
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	Longit	nde by Chronometer i	rom Observations		*								1
	Variat	fon of the Compass by	Amplitude ob	served at	Sunset								-
													The second second

under the command of Commander & St. M. Comment Junday. September 141.

, U. S. Navy, , 18822.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until HAM. Weather glear and pleasant, Sightains from SE to 6 SE. Garoneter falling cloudy. Fires banked under two boil-ers, Ameroid baroneter 30.08. Signed. Karl Roher. Sent 11 to 8. a.M. blear, and pleasant, slightly misty first two hours. at 6. hoisted colors, following motions of Dutch Hagehip. a Dutch steamer left the harbors Sight airs from 686 to 8 by B. anerold barometer 30.15. Received official, from officer from Dutch Hagship; and in compliance with his request dressed ship at mast head Dutch flag at the main in honor of the birth day of the Puncies Henrique of the Netherlands. Signed. Q. O. Sitter. Ensign 8 am to Meridian. Weather clear and warm, Sight variable airs and calmer Garometer steady. Mustered at quarters at 9.30. at 10. an officer from the Dutch man of war Prince Frederic visited the ship officially as the representative of his Coundy Officer, absent with leave. Started fires for dis-Willing at 9.00. Ameroid at end of watch 30.14.

Signed. 6. P. Rees. Lint
Meridian to 11 P.M. Colian and warm, Sight Ny bruge, Falling barometer, Commenced distilling at 12.05. Ameroid at end of watch 30.06.
Signed. W. S. Hannemi. Ensign. It to 8. O. M. Ole acant weather. Sight bruge from A. hawling to NA 6. Distilling, Sent out steam cetter and picked up a lighter that had got adiff from shore, secured it astern to await a claimant - Onwood bat 30.08. Signed. WM Juin. Leub 9 P. M. to Midnight, Clear and pleasant, Light airs from NOVE to S. Dishitting, and soid 30.12. Signed. Wainwright Hellogg Sunt

Moonlanid Examined and found to be correct.

Phase. Sast Dr.

Liet as Navigator.

					11					00					
					WINDS.			BAROMETI	IR. T	EMPERATURE.			24		
							-			f b	State of the Weather.	Forms of Clouds, by symbols.	1001	State of the	Record of the sail the vessel is under
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		Lanni	de by	D. R. at Noon											
	1	Longit	mde b	y D. R. at Noon								•	*	10.	
	,	Faribu	In her	Observations at No	um @									12	
	-	Carren	tte o.a.	Coscivations at 190	NIE O										
	1	Longit	nde b	y Chronometer from	n Ferencon Obser	rvations	s O					•	-	15	
		Cirror	at dine	ing the time	knots i	fins ne	er hour	, setting	to the						
	7	Winds !													
		A STEERE	ion of	the Compass by A	implitude T obser	wed at	Sunris	se				•	*	"	
							Sunris	se						"	
		Variat	ion of	the Compass by A	zimuth © observe		t Sunris	se				. /		"	
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	,	Variat Water	ion of	the Compass by A	zimuth © observe	ed at						1/0 240	e ga	"	
	,	Water Water	exper	the Compass by Anded during the per	zimuth © observe seeding 24 hours during the po	ed at						240	e ga	"	
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	,	Water Water Water	exper	the Compass by Anded during the per	zimuth © observe eceding 24 hours during the peopre use at Noon	ed at					3	240	· ga	"	
	,	Water Water Water Conl e	exper	the Compass by Anded during the pro- list bled during on hand fit for med during the pre-	zimuth © observe eceding 24 hours during the peopress at Noon ceding 24 hours	ed at						240 320 tons 88	· 90	llons.	
	,	Water Water Water Conl e	exper	the Compass by Anded during the per listable of fining on hand fit for	zimuth © observe eceding 24 hours during the peopress at Noon ceding 24 hours	ed at						240	· 90	llons.	
	,	Water Water Water Conl e	exper	the Compass by Anded during the pro- list bled during on hand fit for med during the pre-	zimuth © observe eceding 24 hours during the peopress at Noon ceding 24 hours	ed at						240 320 tons 88	· 90	llons.	
		Water Water Water Coul c	exper	the Compass by Anded during the pro- list bled during on hand fit for med during the pre-	zimuth © observe eceding 24 hours during the peopress at Noon ceding 24 hours	ed at						240 320 tons 88	· 90	llons.	
	,	Water Water Water Coul c	exper	the Compass by Anded during the pre- tics tille of ining on hand fit for ned during the pre- ning on hand at No.	during the per or use at Noon ceding 24 hours	ed at	g 24 ho	ours				240 320 tons 88 4 76	0006	Illons.	
		Water Water Water Coul c	exper	the Compass by Anded during the pro- list bled during on hand fit formed during the pre-	zimuth © observe eceding 24 hours during the peopress at Noon ceding 24 hours	ed at	g 24 ho	ours	85	7 79		240 320 tons 88	0006	Illons.	
.0	P. M.	Water Water Water Coul c	exper	the Compass by Anded during the pre- distrible of mining on hand fit for med during the pre- ning on hand at No.	during the people at Noon cedling 24 hours on	ed at	g 24 ho	30.06		11		240 320 tons 88 4 76	0006	llons.	lehadiale
3	P. M.	Water Water Water Coul c	exper	the Compass by Anded during the pre- tics tille of ining on hand fit for ned during the pre- ning on hand at No.	during the per use at Noon redfing 24 hours on	eceding	g 24 ho	30.05 30.02	8418	15 79	go Le	240 320 tons 88 4 76	0 00	llons.	Letheadsails
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8	P. M. 1 2 3	Water Water Water Conl c	remain	the Compass by Anded during the pre- distrible of mining on hand fit for med during the pre- ning on hand at No.	during the property of use at Noon ceeding 24 hours on the control of the control	ed at	g 24 ho	30.05 30.02 30.01 30.01	84 8 82 8 82 8 82 8	85 79 81 83 79 81 82 78 81 81 77 81	90 Le	240 320 tons 88 4 76	8 6 5 3 LL	llons.	· maintograil
E 106°4	P.M. 1 2 3 4 5 6	Water Water Water Conl c	remain	the Compass by Anded during the pre- distrible of mining on hand fit for med during the pre- ning on hand at No.	during the people of use at Noon  redfing 24 hours  on  AAAA  ANAAA  ANAAA	d at ceeding	g 24 ho	30.05 30.02 30.01 30.00 30.00	84 8 82 8 82 8 82 8	86 79 83 79 81 82 78 81 81 77 81	90 de	240 320 tons 88 4 76	· · · · · · · · · · · · · · · · · · ·	llons.	
8 064	P.M. 1 2 3 4 5 6 7	Water Water Water Conl c	remain	the Compass by Anded during the pre- distrible of mining on hand fit for med during the pre- ning on hand at No.	during the property of use at Noon ceeding 24 hours on the control of the control	d at ceeding	g 24 ho	30.05 30.02 30.01 30.00 30.00	84 8 82 8 82 8 82 8	86 79 83 79 81 82 78 81 81 77 81	90 Le	240 320 tons 88 4 76	8 6 5 3 LL	llons.	· maintograil
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5 6 6	P.M. 1 2 3 4 5 6 7 8 10	Water Water Water Conl e	remain consum co	the Compass by Anded during the pro- distrible of ining on hand fit for med during the preceding on hand at No.  NE.  NEW TANK  WELL  NEW TANK  NE	during the people of use at Noon  redfing 24 hours  on  AAAA  ANAAA  ANAAA	/ 2 3 3 3 2 0 0 2 3	g 24 ho	30.05 30.02 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 81 82 78 81 81 77 81 82 77 81	for benefit bel	240 320 tons 88 4 76	8 6 5 3 11 5 6 6 8 8	llons.	· maintypail · forwail bottin forwail · - forwail
5 6 6	P.M.  1 2 3 4 5 6 7 8 10 11	Water Water Water Conl e	remain of the second of the se	the Compass by Anded during the pro- distrible of ining on hand fit for med during the preceding on hand at No.  NE.  NEW TANK  WELL  NEW TANK  NE	during the per during the per use at Noon redfing 24 hours on AAG.  ANK.  ANK.	/ 2 3 3 3 2 0 0 2 3 L/	g 24 ho	30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 81 82 78 81 81 77 81 81 77 81 81 77 81 81 77 81 81 77 81 82 77 81 82 77 81	Go be de	240 320 tons 88 4 76	8 6 5 3 11 5 6 6 8	llons.	· maintograil
5 6 6	P.M. 1 2 3 4 5 6 7 8 10	Water Water Water Conl e	remain consum co	the Compass by Anded during the pro- distrible of ining on hand fit for med during the preceding on hand at No.  NE.  NEW TANK  WELL  NEW TANK  NE	during the per during the per use at Noon redfing 24 hours on AAG.  ANK.  ANK.	/ 2 3 3 3 2 0 0 2 3	g 24 ho	30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 81 82 78 81 81 77 81 82 77 81	Go be de	240 320 tons 88 4 76	8 6 5 3 11 5 6 6 8 8	llons.	· maintypail · forwail bottin forwail · - forwail
5 6 6	P.M.  1 2 3 4 5 6 7 8 10 11	Water Water Water Conl e	remain of the second of the se	the Compass by Anded during the pro- distrible of ining on hand fit for ned during the preceding on hand at No.  NE.  NEW TANK  WELL  NEW TANK  NE	during the per during the per use at Noon redfing 24 hours on AAG.  ANK.  ANK.	/ 2 3 3 3 2 0 0 2 3 L/	g 24 ho	30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 81 82 78 81 81 77 81 81 77 81 81 77 81 81 77 81 81 77 81 82 77 81 82 77 81	Go be de	240 320 tons 88 4 76	8 6 5 3 LL 5 6 6 8 8	llons.	· maintypail · forwail bottin forwail · - forwail
5 6 6	P.M.  1 2 3 4 5 6 7 8 10 11	Water Water Water Conl e	remain of the second of the se	the Compass by Anded during the pro- distrible of ining on hand fit for ned during the preceding on hand at No.  NE.  NEW TANK  WELL  NEW TANK  NE	during the per during the per use at Noon redfing 24 hours on AAG.  ANK.  ANK.	/ 2 3 3 3 2 0 0 2 3 L/	g 24 ho	30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 81 82 78 81 81 77 81 81 77 81 81 77 81 81 77 81 81 77 81 82 77 81 82 77 81	Go be de	240 320 tons 88 4 76	8 6 5 3 LL 5 6 6 8 8	llons.	· maintypail · forwail bottin forwail · - forwail
5 6 6	P.M.  1 2 3 5 6 7 8 10 11 Mid.	Water Water Water Conl e	remain consum	the Compass by Anded during the pro- distrible of ining on hand fit for ned during the preceding on hand at No.  NE.  NEW TANK  WELL  NEW TANK  NE	during the per use at Noon redfing 24 hours on AAG.  AAAG.  AAAA.	/ 2 3 3 3 2 0 0 2 3 L/ 5	g 24 ho	30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 81 82 78 81 81 77 81 81 77 81 81 77 81 81 77 81 81 77 81 82 77 81 82 77 81	Go be de	240 320 tons 88 4 76	8 6 5 3 LL 5 6 6 8 8	llons.	· maintypail · forwail bottin forwail · - forwail
5 6 6	P.M.  1  2  3  4  5  6  7  8  10  11  Mid.	Water Water Water Coul c Coul c	remain consum co	the Compass by A reded during the pre- distrible of during on hand fit for the during the pree ting on hand at North A Compass by A Com	during the per during the per use at Noon reding 24 hours on the life of the control of the cont	/ 2 3 3 3 2 0 0 2 3 L/ 5	g 24 ho	30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 81 82 78 81 81 77 81 81 77 81 81 77 81 81 77 81 81 77 81 82 77 81 82 77 81	Go be de	2 Ho den 88 a 76 a lin au alian alia	8 6 5 3 LL 5 6 6 8 8	llons.	· maintypail · forwail bottin forwail · - forwail
5 6 6	P. M.  1  2  3  4  5  6  7  8  10  11  Mid.	Water Water Water Conl c Conl c	remain of the semain of the se	the Compass by Anded during the pre- distrible of ining on hand fit for ned during the pree ting on hand at No.  N. C. H. J. M.  Of W. J. M.  Of W. J. M.  Of W. J. M.  Of W. J. M.  Of Chronometer from The Compass by A.  Of Chrometer from The Compass by A.  Of Chronometer from The Compass by	during the property of use at Noon seeding 24 hours on seeding 24	/ 2 3 3 3 2 0 0 2 3 L/ 5	g 24 ho	30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 81 82 78 81 81 77 81 81 77 81 81 77 81 81 77 81 81 77 81 82 77 81 82 77 81	Go be de	240 320 tons 88 4 76	8 6 5 3 LL 5 6 6 8 8	llons.	· maintypail · forwail bottin forwail · - forwail
5 6 6	P. M.  1  2  3  4  5  6  7  8  10  11  Mid.	Water Water Water Conl c Conl c	remain of the semain of the se	the Compass by A reded during the pre- distrible of during on hand fit for the during the pree ting on hand at North A Compass by A Com	during the property of use at Noon seeding 24 hours on seeding 24	d at ecceding 2 3 3 2 0 0 2 3 11 5	g 24 ho	30.05 30.02 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 83 79 81 82 78 81 81 77 81 81 77 81 81 77 81 81 77 81 82 77 81 82 77 81	Go be de	2 Ho den 88 a 76 a lin au alian alia	8 6 5 3 LL 5 6 6 8 8	llons.	· maintypail · forwail bottin forwail · - forwail
5 6 6	P.M.  1 2 3 4 5 6 7 8 10 11 Mid.	Water Water Water Water Conl e Conl e	remain of the second of the se	the Compass by Anded during the pre- distrible of ining on hand fit for ned during the pree ting on hand at No.  N. C. H. J. M.  Of W. J. M.  Of W. J. M.  Of W. J. M.  Of W. J. M.  Of Chronometer from The Compass by A.  Of Chrometer from The Compass by A.  Of Chronometer from The Compass by	during the property of use at Noon seeding 24 hours on seeding 24	d at ecceding 2 3 3 2 0 0 2 3 11 5	g 24 ho	30.05 30.02 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00 30.00	84 8 82 8 82 8 83 83 83 83 83 83 83 83 83 83 83 83 83 8	86 79 83 79 81 82 78 81 81 77 81 81 77 81 81 77 81 81 77 81 82 77 81 82 77 81	Go be de	2 Ho den 88 a 76 a lin au alian alia	86531156688999	llons.	· maintypail · forwail bottin forwail · - forwail

, 18811.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 a. M. Clear, and pleasant with light bruge from S by It Falling barometer. Distilling. Ameroid 30.08 at end of watch.

Signed. W. J. Scars. Energy

H to 8. a.M. Blear and pleasant weather. Sight airs from S. E. Garometer

rising. Acceived three coallighters alongside. Distilling water, Ameroid

barometer 30.15. Loosed sail.

Signed. Starl Arbert. Lint 8 all to Meridian. Olear and warsh. Light airs from Sto to At 6. Coaling ship. Washing preparations for sea, Received official visit from Command-sing Officer of Dutch Glagship. Ameroid barometer 30.10.

Signed. R. O. Bitter. Energy.

Meridian to 11 P.M. Weather clear and pleasant. Gentle bruge from Me and Ed to Ad and I'd. Got underway at 1.30 and stood out of Patavia Roads for Mozambique. East africa. Draft of water, ford 14'1", aft 16'1". al 2.28 set head sails. At 3 set mainty sail and spanker. at 3.25 set foresail. atend of watch It Sombuys St bore & W/V S. distant It miles. aneroid 30.04. Steam HII, Ches HII, Gaterit log 56. Signed. G. P. Pres. Limb 4 to 6. O.M. Chaeant weather. Bentle bruge from Aby W. Smooth sea. Steaming, along northern coast of Surnated under gur dance of Command ing Officer. at 11.35 changed course to Wby A. pathit log 61. at 11.55 to It /u N. Jadent log 63. Steam 38 lbs. Revs 43. Averand barometer 30.07. Went to quarters 6 to 8. O. M. Slightly hazy balon, Ob 6.00 took in foresail, and all fore and afteail. Standing towards anger Straits, Sand in eight on post bow and beam, at end of watch Nocholas Point bore abeam, ports distank about two miles, Patent log 87. n. averoid 30. 16. 8 O. M. to Midnight, Olean and pleasant weather Sight to fresh bruge from South, Parometer rising Smooth sea. Under Steam and fore and afteail. Steam 36. Revs 39. at 8.05 changed course to SW/2 S. patent log 88. at 8. 33 to SW 1/2 S. palent log 91.5 and at 9.15 to SV/2 It patent log 96. all Captain directing the course. Patent log at end of watch of knots. ance vid barometer 30.12. Signed Harl Rohrer Lieut

Moulanid Examined and found to be correct.

Ticel Navigator.

Steamer Esses", 3d Rate, 6 Guns, LOG of the UNITED STATES Making passage from Patavia, Java to Mozambique, Gast Ofrical Hour. Knots. 821/28. A. M 30.04 85 80 78 811 bel gircum 8 & Setfonsail & for topsail 11 30.06 83 80 78 811 11 30.06 80 80 78 84 11 6 30.06 80 80 77 84 4 30.01 80 80 46 84 10500 4 30.03 80 79 76 84 20.06 80 79 76 84 11 6044 30.10 80 79 76 84 30.11 80 80 76 84 Set topgalls ails 30.12 81 81 77 84 Took in all sail 30,12 81 81 77 84 let & a. sail ec. sparetree 11 30.11 81 81 76 84 4 Noon. 142 knots 3 lentho Distance run by Log since preceding Noon 6 . 47.24" Latitude by D. R. at Noon 10H. 15.30 " 6 Longitude by D. R. at Noon 6.51.30 " Latitude by Observations at Noon ⊙ 10H. 00 ,00 " 6. Longitude by Chronometer from Forenoon Observations ⊙ Current during the time knots fms. per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at & OWU, 2.00.00.6 Lloo gallons. Water expended during the preceding 24 hours during the preceding 24 hours Water remaining on hand fit for use at Noon 10 tons 1180 Coal consumed during the preceding 24 hours 142 " 1826 Coal remaining on hand at Noon P. M. W8W. 8. S. Dr. 30.08 -82 82 77 84 Plain sail to topa 30.08 85 81 78 84 6 30.07 84 81 78 84 6 30.07 8481 78 83 Made Sail to saya 8648. 30.07 81 81 77 83 30.07 81 81 77 83 6 ar Cum 20.07 81 80 76 83 30.07 81 80 76 80 4 4 4 10 6 80 76 80 9 0 4 11 0 30.10 76 80 Mid. 103 . 55,000 Longitude by Chronometer from Afternoon Observations © Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

Dunmences and with H. a.M. We ather partly cloudy and pleasant, Gentle bruge from Sd. Garometer steady. Changed Course dt 12.30 to US Il. Patentlog 2: 9 at 1.35 set foresail and fortlobsail anevoid arend of watch 30. 12. Steam 11. Aus 45. Patentlog 53.

Lto 8. a.M. Oleasant weather. Moderate bruge from S. S. E. hawling to S. B. Sea smooth. at 5.30 havled fires under distilling boilers. Steam 38 lbs. Revs 11. Vatent log 82.5. Ameroid 30. 15, al 7.20 sent down main topgallant yard and unbent main top gall autsail for repairs. Degreed W.M. Trwis. Livet 8 am to meridian. Clear, and warm, Sight to moderate breeze from St. Moderate sed, at 9. 30 went to general quarters and find at larget: expended in Ordnance Department 125 lbs hexagonal powder, 120 lbs san now powder, Holls rifle powder, & Sin shells and 5 percussion fuges, 12 Time shells. 5" fuzes, at 10.15 secured and stood off on course. Under steam and all for and afteail, except spanker. Guring off new braces. Gatent log atend of watch 83.5 knots, Steaming under four boilers. Averved 30.15. Signed Warniwright Stellogg Tint Meridian to 11 O.M. Garly cloudy. Pleasant weather, Moderate SSEbruge Slight fall in barometer. Opossed light yards and made sail to royals. at 14th elopped steaming, has led fires and uncompled propellos. Patent logat and of watch 10.6 miles, aneroid barometer 30.12 Signed V. G. Hannum. Ensign H to 6. O.M. Weather clear and pleasant. Moderate breeze from St by S. Garometer steady. Under sail, Sea purooth, Lowered smokestack and made preparations to bend the prairie. aneroid barometer 30.13 Signed. Harl Rohrer. Tuest 6 to 8. O.M. Weather partly cloudy and pleasant, Gentle breeze from Sto by & Rarometer steady ab 7.10 bent and set mainsail with singlessey Lety. 15 took in main trysail. Ameroid at end of watch 30.18. Patentlog 3 11.7. Signed. b. O. Res. Thent 8 P. M to Midnight. Clear, and pleasant with stationary barometer and gentle briege from & by S. Vesselow course throughout watch and heading It & W. Paleut log 58.5. Averoid barometer 30.20. Ensign

Moon & mid Examined and found to be correct.

Chare, Last Dr.

Leut & Navigator.

Longitude by Chronometer from Afternoon Observations ⊙

observed at Sunset

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude

Variation of the Compass by

100000

under the command of Commander a At. M. Connick , U. S. Navy, Wednesday September 17, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and write 11 a.M. Clear and pleas and bright starleght,
Bush Pouth east hades Moderale seed Convoid baroneter 3. to Callog!

It & a.M. Elear and pleasenet, Moderate breeze from & Engl.

It & a.M. Elear and pleasenet, Moderate breeze from & Engl.

Smooth sea, Odent log 825. Arenord 35.26.

Ramorth sea, Odent log 825. Arenord 35.26.

Ramorth sea, Odent log 825. Arenord 36.26.

Ramorth so Meridian. Perst on Course It & Mainwright Sillogg. Liest on Course It & Manuema Ensegn.

Ramorth so pulles, Ameroid baronselw 30.06.

Moderate sea purmang ship piding it learnly Al 1230 Changes from \$6. Moderate sea purmang ship piding it learly Al 1230 Changes from \$5. Il by It by or order of Raflain. Bleaning balges, Ameroid baronetw.

30.10. Altert log at end of watch 87,7 knots.

Signed. Kayl Cohest. Gint I be and placements.

It b. 6. PM. Meather cloudy and placements, Fresh breeze from \$6. by S. Annotes steady, Mustad at quarters at 125. Also from suring to defect my wood. Ameroid alford of watch so. 11.

Color of Color and damp with fresh breezes from S. M. Ship on her course throughout watch heading & Why It foll Moderate sea, Ameroid baroneter of the following from Schips.

Moderate sea, At 11,05 tooks in for topmast stuncail. Observed baroneter 30.15. Calent log 61.

Segned. Well-rivin. Dienst.

Moon anid Examined and found to be correct.

Phase. Last Qu.

Lives & Navigator.

Commences and to 4 BM. Cloudy Pleasant Moderate bruge from S. E to S. S. E. Moderate sea, Patert log 94.8. Aneroid 30.11.

Signed. Vainwright Hellogg. Lint

Ho 8. a.M. Cloudy. Driggling rain at times. Moderate to fresh & SE and Sby E. breezes. Salomethrsteady. at 4.30 took in and furled royals. Versel on course & Why It It at end of watch, Pat. log 26.11, anevoid bar 30.11. Signed. W.S. Harrium. , Ensign 8a Mto Meridian Weather pleasant though somewhat gloudy Pruze moderate to fresh from Sby 6 to S.S. 6. Jaconseter rising. Modelate sea which ship rides easily! Setup for top gallant and royal backstays Mustered and inspected at quarters at 9.15. By order of Captains confined Jacob Walhiser & P. M. ) in double drons for ten days for insubordination. Repairing main topsail sheets. Patent log Meridian to 11 P.M. Weather cloudy and pleasant; fush bruge from

S. S. E. Baronseter steady. Anivoidat and of watch 30.08. Changed course

pat 12.30 to W.S. W. Patent log 69.6.

Liet Signed, B. P. Oles. Lieut

Lito 6 C.M. Cloudy and damp with stationary baronseter and fresh breeze from S. B. G. at 1. 45 prestered at quasters. abs took en fore top gallante a l for repairs, and took single ruf in tops ails
Versel on her goverse let end of watch heading It & It. Theroid barometer
30.11. Valent log 19.

Signed. A. J. J. Halpine. Ensign!

6 to 8. P.M. Cloudy with fresh bruges from S. S. E. Moderato sea; abb 20

took in main top gallant eail; shook rufs out of topsails and set top gallant sails. Americal barometer 30.14. Patent log 36.6.

8. P. M. to Midnight Change and let arout Moderate to be who have four 8. P. M. to Midnight, Clear and pleasant, Moderate to fresh bruge from S. S. E. Moderatt sea, Gatent-log 73. Ameroid 30.15. Signed. Wainwright Kellogg. Sint

Moon lanid Examined and found to be correct.
The 2° 34 34" 76

Chase . Last Dr.

Tuesty Navigator.

Commences, and with La.M. Clear, and pleasant, Bright starlight Moderate and fresh & & bruges. Falling barometer Vesselow course West Matend of watch. Patent log 8.7. Ameroed barometer 30.10.

Signed V.S. Hannum. Ensign! 1 to 8. a. M. Clear, and pleasant weather. Freshbruge from S. S. 6 to S. 6. Garometer rising slowly. Arrevoid barometer 30. 14. Patent log 44.5 knots. Signed. Karl Rohrer. Lieuts 8 a Mo to Meridian. Weather clear and pleasant, Fresh bruge from St. by S. Garometer steady. By order of Commanding Officer. Peter Bannow 68. is rated boxswain! Osear Smith Sea! is rated Captain of Joh, and A. E. anderson, Ooo) is rated Seaman; Go. It. Jones. (OS) is given 10 hours extra duty (in port) for absenting houself from studies. Mustered at quarters at \$30 and exercised boarders, at pistol drill and signal class, at signalling at 9.36 took in flying jib and at 11.15 took in fore topmast slagoail aberoid at end of watch 30,14, Patent log 83.6. Meridian to II. O. M. Jair gool and pleasant, with stationary barometer and fush breezes from Sd, and Ed, moderating loward end of watch. Inetructed apprentices in English studies. Vessel on her course, heading W.S. W. throughout watch, Patent-log 19.6. aneroid barometer 3s.09. 65punded by loss one log chip! Lto 6. P. M. Pleasant weather, Fresh bruge from Soby S. Moderate sea. Mustered at quarters at 11.45, Al 4.55 look one refin topsails and took in fore topmast stunsails. At 4,50 shook one per topsails and set fore-topmast stunsail. At 4,50 shook one per topsails and set foretopmast stuneail. Ameroid barometer 30.16. Well Frien. Lews Jour S & Moderato sea, aly set topgallant stursails. Palent log 54.8 knots. Aneroid 30, 13. 8 P. M to Midnight, Clear and pleasant, Light B. & bruge, Slight rise in barometer, Moderato sea, Vessel on course W.S. Hat end of watch, Outent log 88 2 ent log 88.3. Aneroid barometer 30.14 Signed. W.G. Hannum. Ensign

Moon and Examined and found to be correct.

Ohase. New moon!

Live & Navigator.

Longitude by Chronometer from Afternoon Observations ⊙

observed at Sunset

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude

Variation of the Compass by

Commences and until 11 a.M. Weather glear and pleasant. Freshbrege from SE. Garoineter falling slowly, Under sail Moderate sea running which ship rides easily. Aneroid baronseter 30.10. Patent log 20. 5 Knots. Signed! Karl Rohrer. Lint 4 to 8. a. IN. Weather gloudy and squally with wind variable and fitful from Id and Ed, Garometer stoady. Trequent showers of rain clearing last hour of watch. at 4.20 to ob in top dallant stunsails and royals. at 4. 45 set royals. al. 5.15 look in fore lopmast stringail, at 6.15 look in main topgallantsail and royal Sent down topgallant yard, unbent Rail for repairs and at 7 30 arossed topgallant yard with new sail bent, Ob 7.50 set fore topmast staysail. Aneroid 30.15. Gallet log So. 4 Knots. Signed. G. C. Cus. Linet 8 am to Meridian, Fair and pleasant with stationary barometer and fresh breezes from Sd, and Ed. At 8.15 set maintopgallantsdil and royal. Vessel off her course last two hours. full and by Ameroid baronieter 30 10. Patentlog 86. Rove off new main topsail halliards. Signed N. J. I. J. Stalpine. Ensign Meridian to H. P. M. Weather partly gloudy. Fresh breeze from Sby 6. slightly moderating latter part, Moderato sea and ship rolling beeply pat lines, at 12. changed course to W/2 S. at 12. 20 set fore top gallantstil, Recelisted Fred! Christofferson for three years as seam an under an honor. pable, discharge, and rated him Captain of the Hold, aneroid barons et er 30.12. Galent Logat end of watch 21.3 Knots. Signed. WMb. Invin. Lint 4 to 6. O. M. Clear, and pleasant, Trish breeze from Sby 6. Moderato sids at 4.45 mustered at quarters, at 450 called all hands, took in fore topmast Stursails and took single ref in topsails and furled royals. At 4.55 shook ref out of topsails, made sail to royals and set fore topmast stursails. Patent log36. Ameroid barometer 30.17.

Signed. Wainwright Kellogg. Linet 6 to 8. P. Mr. Gartly cloudy, Pleasant weather, Moderate Sby E. bruge Steady barometer. Moderate sea! Vessel on course Who at end of watch, Patentled 56.5. aneroid barometer 30.17. Signed It & Stammen Ensign 8 OM to Midnight, Clear and pleasant weather. Fresh bruge from SE. Sarometer steady. Light passing showers first hour of watch. Ameroid bar-ometer 30.18. Gatent-log 90. 4 knots. Signed Starl Rohrer.

Moon and Examined and found to be correct.

Dec 5034'28" S.

Phase. New moon.

To The Par Fr. Lewis Navigator.

Variation of the Compass by

Donnerses and until 11 a.M. Weather frantly cloudy and pleasant, Moderate bruge from Sd, and Ed, Barometer falling. Ameroid, at end of watch 30.111
Patent log 21. 2 knots. Optent log 21. 2 knots.

11 to 8. a. M. Gair and pleasant with fish bruge from Sd and Ed. Slowly pising barometer. Vesselowher course throughout watch heading It /r S. and Ed. Slowly pising barometer 30. 19. Patent log registered 57 knots.

8 a. M. to Meridian. Sair and pleasant. Frish bruge from Sby E. first hour moderate during rest of watch. Ot 9.15 Commanding Officer inspected ship and crew at quarters at 11.10 set for top gallant stunsail. At 12 to changed course to It /H. S. Patent log at end of watch 90.5 Ameroid bar. 30.18.

Meridian to H. P.M. Olean and pleasant, Moderato breeze from S. E. Moderato sea, at 12.50 took in and furled mainsail and between toppail. evate sea, At 12.50 took in and furled mainsail and bet main trypail.

Sharted fires for distilling. Gatent-log 18.3. Ameroid 30.15.

Signed. Nainwright Hellogy. Lieut

Uto 6. P. M. Clear and pleasant, Moderate & Ebruge. Steady barometer.

Vesselow gourse W/4.S. Patent-log 31.8. Ameroid barometer 30.16. Commenced condensing at 5.30.

Signed. W. S. Jamen. Ensign 6 to 8 P.M. Clear, and pleasant weather. Moderate bruge from S. C. Barometer steady. Imouth sea, Under sail. Distilling. Thoon set at 7. 40 Gatent log at end of watch 46.1 knots. Anevoid at end of watch 30.21. Signed: Karl Rohrer. Liest 8 O. Meto Midnight. Weather cloudy and pleasant, Moderate breeze from SE to South. Parometer steady. Arteroid at end of watch 30.21. Patent log 75.2 Signed, G. P. Rus. Liest Moonl, mid. Examined and found to be correct. Occ. 9° 14' 14" S. Chase. Aus moon,

18811.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until H. a.M. Generally clear and pleasant with mod-to S. S. 6. Alg. 15 mustered at quarters and exercised at divisional dells. James M. Guiley, Seat Aury Hines, (201 Sire) and J. H. Frestibent Seaf have to day served their terms of enlistment, Gassed through a large quantity of plunice stone floating on surface of water. at 8.10 took in spanker, al 9.10 hauled down flying fit, Gatent log at end of watch 65.8. Ameroid baro-meter 30. 22, at 12. Changed course to West. Meridian to IL P.M. Clear and pleasant, Moderate S.S. E. bruge. Falling barometer, Instructed apprintices of portwatch, Vessel on course at end of watch. Gatent log 96.5. Aneroid barometer 30.22.

Signed. M.S. Hannum. Ensign. Signed. M. Stannum. Ensign 4 to 6. P. M. Clear and pleasant weather. Fresh bruze from & 6. Darometer steady. Moderate sea. Passing through large patches of pumice
stone, Distilling water, Ameroid barometer 36.22. Patentlog 13 knots.

Signed. Start Robrer. GientCoto & P. M. Weather clear and pleasant, Moderate bruze from & 6.

Darometer rising. Ameroid at end of watch 30.23. Patentlog 29.0.

Signed. C. P. M. Didnight. Clear cool and pleasant, Moderate bruze from
Signed & Distilling. Viesel on her course throughout watch heading
West, Ameroid barometer 30.24. Patent log 60.14 knots

Signed. N. J. S. Halpine. Ensign

Moonlanid Examined and found to be correct.

Phase New moon

Milley Navigator.

80000	P. M.															
	1	6	6	Of fuct.	86.	11	30	.16	78	18	1/2	79	bo	Vir Cum	6	8
	3	6.	6	"		11	3	0.13	78	78	71	79		,	7	4
	3	7	0		"	11		0.12	76	76	70	79	,		7	
	4	7	8		•	11	100	0.11	76	76	70	79	,		9	
	5	7	0	•	•	11		0.12	76	76	72	79	,		8	"
,	6	7	0	,	"	11	1000	0.13	76	76	72	79			8	+
12009	7	7	0	,	"	11	4343 26	1.13	76	76	70	79		Cum	9	•
7804	8 8	7	8	"	,	4	300	0.11	/	76	70	79	•		9	•
	10	6	0	,	*	11	200		1.	/	70	79	,		9	*
	11	6	0		,	11	200	0.15	76	76	70	79			9	•
	Mid.	6	4	*		11	2000	0.16	7/	77	12	79	*		9	
				,	"	14	10	0.70	77	//	12	18	"	-	8	-

Commences and until 1. a.M. Clear, and pleasant, Moderate bruge from Soby S. Moderate sea. Ginished distilling at 15 and hauled fires. Set mainsail, spanker, and flying jib and look in main trysail. Ameroid barometer 30. 20. Patent log 89.2. Signed. M. M. Srevin. Lieit
Ito 8. a. M. Clear and pleasant! Moderate bruge from S. & Moderato sea. at 50 took in spanker, Patent log 20. Ameroid 30.25. 8 aM to Meridian. Clear and warm. Moderate & 6 bruge. Pessing barometer. Vessel on course West, By order of Comidg Officer released Thos No bu. 2018ine his turn of confinement having expired. Alg. 15 inspected at quarters; exereised let division at single sticks; 2d at great guns; 3d at small arms and Cowder division with revolvers. Frank A. Smith Sea' and Henry Heaffry Meridian to 4 C. M. Clear and pleas art with moderate bruge from & 6. Signed Start Robert. Aneroid 30. 20 at end of watch.

Jalling barometer, Ameroid 30. 20 at end of watch.

Signed Start Robert.

Signed Start Robert.

Leut Ho 6. P.M. Weather clear and pleasant, Moderate bruge from SE Garometer falling, Mustered at quarters at 11.45, America at end of watch 30.25.

Signed & P. Rus. Leust blo 8. P. M. Char, and pleasant with moderate breezes and stationary barometer. Vessel on course this out watch heading Who. Patentlog 11.2 knots aneroid barometer 30.21!

Signed. Af G. Halpine. Ensign 8 P. M. to Midnight, Chargand pleasant, bright startight. Moderate breeze from 8 6 & S. of the Midnight. from S. E. Smooth sed. Ameroid baronseted 3.27. Patent log 36 Knots. Lint

Moonlavid Examined and found to be correct.

Phase. New moon

To The Park

Maning wassage from Sparin va. Jana. 10 Sugar. Com																	
				WINDS.	BAROME	TER.	TEM	PERAT	URE.			Par.					
	Hour. Knots.		Courses steered.									State of the Weather.	Forms of Clouds, by symbols.	of Clemin 10ths.	State of the	Record of the sail the vessel is under at end of watch.	
	Hour.	Atiots.	Fathoms	Courses siccion	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Wet	Water	by symbols.	symbols.	Prop Sky, in	Sea.	at end of water.
			Fa			-	7			Duio.	Dulo.	suriace.			2 2 2 E		
	A. M.												1				
	1	-	1	Which	86	11		3 11	-11	1/	410	18	10	Cir-Cum	, 8	8	
		5	6	V17401.	50.			30.16	16	70	12	/-	0.4.	Jur-Curro	8		
	2	5	6	"		11		30.15	76	76	72	78	. "	•		"	
	3	6	0	"	,	11		30.13	76	76	72	78	"	"	8	"	The Party of the P
	4	6	0	,		11		30.13	76	76	72	78	,	. ,,	7	"	
	5	6	0			-44		30.13	1	75.	570	18			17		
		,							1.	1	1	10			8		
5	6	6	0		,	4		30.13	1.	10	70	78	•	"		1	
12007	' 7	6	2		*	4	-	30.13	76	73	70	78	"	"	8	-	
6	8	6	0	,		4		30.15	76	75	70	78	"	"	6	"	
7702	4 9	6	0		86,48.	11		30.17	76	76	72	18			6		
	10	6	6			11		30.19	1-16	77	122	140			4		
	1	,	7500	*	" .				1.0	1/	12	10		-	10	-	
-	11	6	3	. "		11		30.19	77	78	/2	78		"	8		
	Noon.	7	0			4	1	30.19	77	78	73	78		"	8	-	100000000000000000000000000000000000000
		/						1/	11	1	1	<u>/</u>		1		-	
		Distan		n by I an sings nu	anding Noon								1511	knots 5	- ter	the	
				n by Log since pre	ceding Noon								104	Kilots	-1000	Hemis.	8
		Latitu	ide by	D. R. at Noon										12.09	'0	0 "2	
		Longi	tude l	y D. R. at Noon			*							77 0 10	0	0"6	
		Latitu	de by	Observations at N	oon ⊙									12.00	7 '0	0 "2	1
							- 0							7/0 /	6.	- "1	9
	*			y Chronometer fro										d. 8.	0 0	1	
		Curre	nt du	ring the time 0.3	8 knots	fms- p	er ho	ur, settin	g to t	he				ct. 8.	204	1.	
12	76	Varia	tion o	f the Compass by	Amplitude O obser	ved a	t Sun	rise						•	,	"	
/		Variat	tion of	f the Compass by I	zimuth O observe	ed at	81	2 mi						3.00	, '0	0 "	4
				nded during the pr										350		allons.	
				nded during the pr							-			000	g		
		Water	r		during the pr	ecedin	g 24	hours								"	
		Water	r rema	aining on hand fit f	or use at Noon			71.0		-				250	0	"	- 1
		Coal	consu	ned during the pre	ceding 24 hours									tons /	100	lbs.	
				ning on hand at No									11		16	"	
		Coar	Teman	ing on hand at 140	ou .								137		10		
1	_		1			1	1	T	1	1	1		1		1	1	
	P. M.												, ,				
	1	6	0	W/4 A.	8648.	11		30.19	7 -5	74	1-18	18	60	Sair bus	e 8	8	
	9			4, 12401.	200			-	/	17	1	1	1,		e		
		6	0	"	"	11	1	30.19	/	79	78	78	bod	Civ cum nimb			1
	3	6	6	"	"	11	-	30.19	7 78	79	78	78	be	"	6		Set topt staysail Jook in flying jet
	4	7	0	,		11		30.1	148	1 70	78	78		,,	5	- 1	Took in flying jet
	5	1	2	,,		11		30.10	/	7/	1 4	1 may			1		Set flying jet
		1				3 200	1	100000000000000000000000000000000000000	V	it	1	11	,	"	1	"	a figure of
S	6	7	11	"	"	11	100	30.1	/	1	72	- 77	"	"	6	, 4	
12007	7	7	0	"	"	11	1	30.11	1470	70	17	2 77	"	"	1	1 "	
7805	8	7	11	,	,	11		30.10	576	7	5/7.	2 77			6	2	
1	9	1	6			4	100	30.16	1	1	of or	1/77		6:0		1	
		/			"				/	170	1	11	"	Cir Cur.	1	10	
1	10	7	6	"	"	11	-	30.10	/	70	70	77	-	"	6	-	
	11	7	2	,	,	11	-	30.16	5 70	5 70	70	77	" "		6		
	Mid.	17	8		1	4		30.16	76	5 70	5/7	1 77	,		7		
		/							1	1	1	11			1		
1000			-														
		Long	itude	by Chronometer fr	om Afternoon Obs	ervatio	ons ©							•		"	-
		Long	itude	by Chronometer fr	om Observations			*								"	
		Varia	ation o	of the Compass by	Amplitude obs	erved	at S	ınset							,	,,	
															1010		
		Varia		of the Compass by		at								•	-	"	

, 1884

Sommerces and will it a, M. Char, and pleasant, Moderate bruge from S. 6. Moderate lea, Patent log 59.5. Ancroid 30.00.

It to 8. A.M. Dear and pleasant, Moderate S. 6 bruge. Steady barometer, these on course W/4 ct. Patent log 85.8. Arroid burometer 31.27 Camped shipont Supposed on the Manuscular Supposed on S. Carrier of Survey. Consigning the Manuscular of Carrier Sund St. by S. Ale g is pressered at quarters and surveyed at devisional drells, after boards to anders of gun divisions find at larget with Navy revolvers. Patent log 11. Onever barometer 30.08.

Minidian to 11 P.M. Meather clear and pleasant, Sentle lo moderate bruge from S. Esty S. Quarom Les 30.08.

Minidian to 11 P.M. Meather clear and pleasant, Sentle lo moderate bruge from S. Esty S. Quarom Les falling. Set for lopmast stayeailand to the purifying fit at 3.00. Arroid 30.02.

Lie 6. P.M. Gair, and pleasant with produced bruges from S. and Sail services. Americal barometer 30.01. Sent log 68.

Lie 6. P.M. Charart weather. Moderate bruge from S. Calint log 68.

Soll for topurast dayeail. Americal bruge from S. Calint log 68.

S. O.M. Oleasant weather. Moderate bruge from S. Calint log 68.

S. O.M. Oleasant weather. Moderate bruge from S. Calint log 68.

S. O.M. Midelinght Dlear and pleasant, Moderate bruge from S. E. Moderate staye for S. E. Moderate staye from S. E. Moderate staye for S. Calint log 68.

S. O.M. Budrieght Dlear and pleasant, Moderate bruge from S. E. Moderate staye from S. E. Moderate staye for S. E. Moderate staye from S. E. Moderate staye for S. E. Moderate staye from S. E. Moderate staye from S. E. Moderate staye from S. E. Moderate staye for S. Calint log 91.2.

S. O.M. Maderinght Dlear and pleasant, Moderate staye from S. E. Moderate staye for S. E. Moderate staye from S. E. Moderate staye for S. Calint log 91.2.

S. O.M. Maderinght Stellogg. Sunt

Moon & said Examined and found to be correct.

Ohase. Aur moon

Ticet Navigator.

, 1881.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Downwere and with 12 am Generally cloudy and pleasant, Moderate & Songer Steph fallin barow the Versilon course Whit. Palent log 25.6 knots overvid barows to 30.22.

Lle 8. am. Meather pleasant, Moderate brigo from S. & Smooth sea. Palent of 57 knot, at 5. Amerid barometer 30.29.

La 10. am. Meather pleasant, Moderate brigo from S. & Smooth sea. Palent of 57 knot, at 5. Amerid barometer 30.29.

La 11. am. Meather pleasant, Moderate brigo from S. & Smooth sea. Palent of 25. knot of the Mills of Smooth sea. Palent of the same fore and main believe and exercised at divisional drills. Sent down fore and main brisals gaff for scraping and ramishing. Also 10.25 set host lower steensail. At 18.80 harded and fall 18. b. knot 1. Amerid barometer 30.26. Palent log at end of walth 18. b. knot 1. Amerid barometer 30.26. Palent log at end of walth 18. b. knot 1. Lewis Steen St

Moon land. Examined and found to be correct. Dec. 18°02'03" S. Chase. New moon.

The Parke

Variation of the Compass by

, 18811.

Tr. It Parke Lieut & Navigator.

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

hommenc	esanduntil	uam. ble	av and fre	leasantwea	ther. Moderate
breeze from	SE by S. Bar	ometer fallen	ig slowly s	Smooth sed.	Bright starlight
Mervidba	rometer 30.20.	Catentlog 18.	2.11 knots.		
		Su	gred. De	Earl Rohrer.	Lieut
11 to 8. Wear	ther clear an	d pleasants	Gentle br	eige from 60	6. Sarometer
rising. a	nervid 30.22.	Hauled up	weather glu	wofmainsai	1, at 7.30. Pat. log. 30. 11
		Si	ianed.	4. P. Aust	90,11
8 amito Me	ridian. Olo	udy evol ark	d pleasan	twith passi	rig showers second
hour. Vesser	low course to	tubughout u	vatch hea	ding W1/4N	Thomas & Myme
(101 Machs) r	eported the ex	hirdrion of his	sterm of enle	strent, ane	roid barometer 30.211.
Galentlog	59.9 Knots.		,	1000	talpine. Enright.
Me · · ·	1 . (20) . (1)	of of the	gned,	N. J. L. S. Dr	talpine. Ourign!
Meridian.	to 11 0.90. Of	artly gloudy	with fras	sing rain sh	owers. Gentle to
moderate 1	reize from s	S o first thou	er of watch	and from	Tby S. remainder.
Jalling ba	rometer. At	! insbucted	apprente	ce boys of wa	Ch. aneroid baro-
aneter 30,1	8. Valent log 8	6.6. Dentup	on and ma	in trysail gaff.	s and bent maintrepail
		OI SI	gned.	Mondown	V. Lelist
11 Lo 6. V. 410	. Woudy.	Duasant, VI	Very ligh	driggings	ain last hour of
walch. On	ish bruge fro	m Obyd. V.	Noberde Le	a, Omerved 3	o. 22. Patentlog 102.
at a splu	fore torgal,	bent new on	1,01	1,-11	llogg. Lieut
6100m	61 / /		egned. Wa	inwright se	logg. Leut
010 0. U.M.	Cloudy. On	easant wea	her, Mode	rale Obyst	olige, Steady baro-
7 /1/					
meter, Verse	elon coterse Vi	1/4 OV. Gareni	log 17.0. Co	ON O. II	E .
			Signed	W.G. Hanner	n. Ensian
			Signed	W.G. Hanner	n. Ensian
			Signed	W.G. Hanner	n. Ensian
			Signed	W.G. Hanner	n. Ensian
			Signed	W.G. Hanner	n. Ensian
	Ridnight, Od dy. Right pa ent log 118.5 km	leasant wears soing shower nots! Arrevold	Signed, The Mod s of rain'in barometer Signed	Or G. Hannungerate bruze z Recondiana 30.20.	how Est. Baro- third hours of heer. Lust
	Ridnight, Order dy. Right pa ent log 48.5 km	leasant wears	Signed, The Mod s of rain'in barometer Signed	Or G. Hannungerate bruze z Recondiana 30.20.	how Est. Baro- third hours of heer. Lust
	Ridnight, Od dy. Right pa ent log 118.5 km	leasant wears	Signed, The Mod s of rain'in barometer Signed	Or G. Hannungerate bruze z Recondigana 30.20.	how Est. Baro- third hours of heer. Lust
	Ridnight, Order dy. Right pa ent log 48.5 km	leasant wears	Signed, The Mod s of rain'in barometer Signed	Or G. Hannungerate bruze z Recondigana 30.20.	how Est. Baro- third hours of heer. Lust
	Midnight, Order dy. Fight pa ent log 48.5 km	leasant wears	Signed. The Mod. Sofrain'in Varometer Signed	Or G. Hannungerate bruze z Recondana 30.20.	hun Est. Baro-
	Midnight, Order Light pa	leasant wears	Signed. The Mod. Sofrain'in Signed	Or G. Hannungerate bruze z Recondigana 30.20.	hun Est. Baro- third hours of hus. Tust
	Midnight, Order Light pa	leasant wears	Signed, The Mode of rain'in Sarometer Signed	Or. G. Hannungerate bruze z v second and 30. 20.	how Est. Baro- third hours of hus. Tust
	Midnight, Order Light part log 48.5 km	leasant wears	Signed. The Mod. s of rain'in barometer Signed	Or G. Hannungerate bruze z Recondana 30. 20.	how Est. Baro- third hours of hus. Tust
8 P.M to Hi meter stead watch. Gal	Midnight, Order Light pa	leasant wears	Signed, The Mode of rain'in Sarometer Signed	Or. G. Hannungerate bruze z v second and 30. 20.	hun Est. Baro- third hours of hus. Tust
8 P.M to Hi meter stead watch. Pak	Midnight, Order Light parties log 148.5 km	leasant wears	Signed, The Mode of rain in Sarometer Signed	Or. G. Hannungerate bruze z second and 30. 20.	how Est. Baro- third hours of hus. Tust
8 P.M to Hi meter stead watch. Gal	Midnight, Order Light pa	leasant wears	Signed, The Mode of rain in Sarometer Signed	Or. G. Hannungerate bruze z second and 30. 20.	how Est. Baro- third hours of hus. Tust
8 P.M to Hi meter stead watch. Gal	Midnight, Order Light part log 48.5 km	leasant wears	Signed, The Mode of rain in Sarometer Signed	Or. G. Hannung erate bruze z second and 30. 20.	low Est. Baro- third hours of hus. Tust
8 P.M to Hi meter stead watch. Pak	Midnight, Order Light parties to 18.5 km	leasant weather street and street	Signed, The Mode of rain in Sarometer Signed	Or. G. Hannung erate bruze z second and 30. 20.	how Est. Baro- third hours of hus. Tust
8 P.M to Hi meter stead watch. Gal	Midnight, Order Light parties to the long 48.5 km	leasant weather street and street	Signed, The Mode of rain in Sarometer Signed	Or. G. Hannung erate bruze z second and 30. 20.	low Est. Baro- third hours of hus. Tust
Moon land En Dec 18° 21' 500	Midnight, Order Light part long 48.5 km	leasant weather street and street	Signed, The Mode of rain in Sarometer Signed	Or. G. Hannung erate bruze z second and 30. 20.	low Est. Baro- Uthird hours of hus. Tust
8 P.M to Hi meter stead watch. Pak	Midnight, Order Light part long 48.5 km	leasant weather street and street	Signed, The Mode of rain in Sarometer Signed	Or. G. Hannung erate bruze z second and 30. 20.	low Est. Baro- third hours of hus. Tust

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 a. Mr. Weal	tur generally	pleasant, Ole	udy with
Commenter of rain at 1.30. Parometer faller	ia ameroidate	und of watch 30.18.	Pat log. 77.5
shower of rain at 1.30. Parometer faller Sign 11 to 8. a.M. Cloudy with passing sh	led.	6 P. Rus	Level
. LE O m Cloudes with passind of	over buithall	Swatch Mode	nte bruses
from Nand Ed. all 6.55 lost overboa	and stand and to	hand to trees air	I have have
from the fund co. In consideration	le seuro o ara so,	masi kunsuu	boom, nove
to with fore lopeail to the mast on star	board lack, low	veridleje boat	a occover u,
failing stood on course at 7.30. Mas	de each to royals,	and port suns	all except
main topgallant stursail, main	rail and all for	e and afteails,	attend of
watch vestelow courseheading Which	W. Unervid baro.	meter 30.20. Gate	ut log 101.5.
watch visbelow course heading Which	mid. A.f.	I.S. Halpine.	Onsign.
8.a.M. to Meridian. Meather clocka	y with driggler	igram first ho	ur passing
rain equals last hour, Gentle to the	noderate blige of	how the So. fa	lluighegat
last hour and hauling to 606. a			
yards around on starboard tack, an			
Volum of mainsail and set sit at 11.413	set le clier of n	rainsail anere	id barometer
30 22 Patent log at end of watch 25	56.		
30,22. Palent log at end of watch 25	Signed (	Wolfmerin.	Link-
Meridian to 4 P.M. Cloudy with	M. and there	unia characted	Falling Lann
thereasan to F. M. Showay want	My 12. 5 2. 1 h	I the authorite.	was fail and
meter, Gentle breize from 6 by S.	2 11/200 xet por	r conquient se	unsawana
port fore lopmast stursail. at 12.	so set port eou	er surreace ar	na naurea
upweather glew of mainsail. Oner	ved 30. 16 at end	of watch. Galeril	log 49.0.
	signed. Main	wright suroge	1. Zuib
4 to 6. P.M. Cloudy. Driggling vain	attimes. Mod	erate Chybreige,	Steady
barometer, Vessel on gourse Wheat. Par	tent log 62. H. and	eroid barometer	130.16.
	18 > 01	· Vi-Ma	6
6 to 8. P.M. Pleasant weather. Pas	sing showers for	eist hour of wa	tch Genete
bruge from 6 to 8 by S. Barometer ste	ady Patent log	at end of water	1 76. aner.
vill barometer 30 18	1		
Sin Sin	med .	Starl Robins	Linet-
8 PM to mideralle Month and	winter light de	is alinia rain Ho	att hence
from 8 hid Of the	y wind at and of	Stah 30 10 Pater	1. loane
orge, somower suady, and	I went of to	h P.P.	of of
bruge from & to & by S. Baroweter ste oid baroweter 30.18. Sagons to Sig 8 P.M to Midnight, Obeather cloud from & by S. Baroweter steady. and	Signia.	Jo. O. Suis.	Luib
	The same of the sa		

Moonland Examined and found to be correct.

Pec 17 ° 53" 17" &

Chase, 12 DV.

The Parking Links Navigator.

Moon land Examined and found to be correct.

Occ. 16° 33'14"S.

Chase 1º Dr.

M. Lieut & Navigator.

, 1884.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and to 4 a.M. Overcast cloudy and rainy Light bruge from East hauling to A & and freshering. At 12.50 took in Sport Sturs ails and hauled up the mains ail. ancido barometer 30. 8. Gatent log 32. al o sel flying jib and be clew of maissail. Wethenin . Linet 1 to 8. a. In. Overcast Driggling pain first hour of watch. Moderate bruge from S. E. Smooth sea, abor het all port stursails. Patent log 626. ancivid 30.26. 8am to Meridian. Cloudy, Pleasant weather Moderate & & as & & Bruge. Slight pice in baroweter. Ab 9.15 exercised at general quarters, Justinglose 1 st div. 3: 30" Q'div. 2'20; 3d div 1'30" Covder 1. 10" Nav. 2'20" Marines 3 of and Engineers D' 20" Secured pall in 10: By order of Counding Officer. J. Ourrance Course It /s A. Palent log 88. Arteroid barometer 30. 2. Ensign Meridian to 11 C.M. Cloudy with gentle bruge from Sby 6. Falling baroweter. at ! instructed Opprentices of starboard watch, at 230 tooking post lower stureaib. at 3.30 furled main trypail. arreved 30. 16. Patent 1 to 6. P.M. Oreather glear and pleasant. Gentle bruge from St. Baroat 1.50. Furled prairieail and let maintry sail. Started fires for distitling pat 5, 50. Ameroid at end of watch 30.18. Patent log 22.22.

Signed. 16. P. Chair. Link 6 to 8. P. M. Fair and pleasant with gentle brige from Ed. Verselowher Course throughout watch It'/ N. Set lower strustail and hauled down head sail. Arrived barometer 30.20. Patent log 32.1. Upper clouds from Nand He Segred. A. J. D. Halpine. Ensign 8 PM to Midnight Cloudy pleasant, Gentle bruge from Ed. Smooth sea, ship rolling easily. Android barometer 30. 21. Patent log 50.

Signed. WABShim. Tunt Lunt-

Mountaid Examined and found to be correct.

Ohase 14026.

The Link & Navigator.

Commences, and until 4 a.M. Cloudy. Driggling rain last half of watch. at 0.15 took in all strusalls to shift of wind to No, Moderate bruge from & shifting to & & &. at end of watch. Pat log 67.8. aniroid 30.22 Signed. Warniverght Kellogg. Tient 11 to 8. a.M. Cloudy. Overcast, Gestle & Ebreeze. Rising baldmeter Vessel on course W/4 M. Patent log 88.3. Ameroid barometer 30.28. Signed. W. G. Hannum. Gusegn 8 a. In to Meridian. Cloudy with deiggling rain and passing showers during watch. Gentle breeze from SE to Bby N. at 9.05 took in flying jib and fore topmast staysail. ab 10.05 set hort topmast and topgallant stursails, but wind bauling around to the starboard quarter took them in again and laid the pards square. at 11.30 wind hauled again to the 686. set all port stundails. Patent logat end of watch 104. audivisions at small arms. Signed. Karl Rohrer, Lines Meridian to 4. P.M. Cloudy with passing showers. Falling bare-6. S & last half, at 12. changed course to W/2 St. at 12.20 took in all port sturealls. at 1.10 set main trysail, jib and fore topmast staysail al 3.15 set port stursails and took in main trysail. Ameroid 30.18. Patent log 18.9. Distilling, By order of bournanding Officer confined Louis A Schuman Leon! in double irons for ten days for answering the Officer of the Deck improperly. Signed. b. P. Pers. Lint 4 to b. P. M. Cloudy and pleasant, at 11, 45 mustered at quarters and had sail evertise. Vessel on her goverse throughout the watch heading W/n N. Took in all stunsails. Distilling. Patent log 24.9. Anerold barometer 30. 20. 6 to 8. P. M. Cloudy. Pleasant Gentle bruge from East. Smooth sea, Ameroid barometer 30. 2 H. Patent log 30.0. Signed Wolldreview. Link 8 O. In to Midnight, Clear, and pleasant, Light airs from A & to East, Smooth sea, Moonlight, aneroid 30. 211, Patent log 37. 5. Signed Wainwright Sellogg.

Mount midexamined and found to be correct.

Dec 11. 35. 32. S.

Chase, 12 D.

M. Lieut & Navigator.

, 18811.

# U. S. S. Essex (3d Rate) Oct 1. 1884

Here commend the following changes in the ratings of the apprentices on board this vessel; tig. J. St. Bashforth (OS) Rosario Cusson, OS. Fredit 6. Qualing. (OS.) Slephen S. Sawrence. (OS. ) Gus. Nagle. (OS), John P. B'Neil. (OS.) W. St. Plimley, (OS) Edwid B. Openslow! Os. ) It. A. Wilson (Os.) Rob & M' Farland Os Aug. A Kitchen, OS. I Gath Mahoney, OS, Fredik S. Pollock. OS' and Cha! Sloyd. OSI to be Seamen, Rob'l. Barckley. OS2lb) Ja! b. Dolly OSOlb) and Charles P. Thomson, OS2CO to be Ordinary Seamen, and Michil A. Mahoney, Illapp), and W. G. Tripp. Ill app. 1 to be Ordinary Seamen, Od Class. ( Respectfully submitted Signed. Wainwright Kellogg, Suntenant b. P. Aus ".
Bramining Goard.

Sommander A. A. M. bonnick. U.S.A. Commanding.

Signed, A. St. At bonnick.

bonn ander, bonndg.

to gentle & & 6. and & & A. Calent log 53. Averoid

Hallum Onsign derate breeze from 686. der his 5 and 7 boilers. ullor and commenced

Harl Rohrer. Level The moderate breeze eging ship on account In on his course It /2 A. set port stursails. ngines, uncoupled Mers. at 9.15 shifted fires boilers. alg. 15 mustered nt logat end of watch

Collect. Leut t with moderate bruges It meridian changed hout watch, heading 7.2. Fires bankedurder glish studies. 28. Halpine. Ourign om 686. Mustered d bent spanker, Set

M. Trevin. Lint eze from 656. Smooth right Kellogg. Fint Lev. Moderate & by S. vurse W/4 A. Palent Hannum! Ensign

Mountanid Examined and found to be correct.

Dec 4. 04. 49" S. Phase, First Quarter

M. Strank Levet & Navigator.

marterin asters Consularies . placing Foreauth 2 aftergleade Quarted Continues! tarfectus Makes Sailwakers Males Propostroberd Condition Thoolowaster Maile Di Class 11 1 1

hart, driggling rain latter part of watch. Bight to gentle & & 6 as & 86 house, Hilling baroweter, Vessel on gourse, W/rd. Patent log 53. Ameroid formeter 36.21.
Signed. M. G. Stallum. Ensign.
Library from 686. to 8. a. M. Chasant weather, Gentle to moderate bruge from 686. to S.E. Savoneter rising. at 1. started fires under his 5 and 7 boilers. Up 10 took in all sail bund at 7.20 coupled propellor and commenced winging ship. Ameroid barometer 30. 25.

Signed. Kurl Rohrer. Linet 8. a In to Meridian. Oloudy and pleasant with moderate bruge from 686 to Oby S. at 8.05 discontinued severging ship on account of its clouding over, and at 8.10 brought ship on his course Hip A. and made all square sail except mainsail, set port stursails. allowed steam to run down, at 8.45 stopped engines. uncoupled propellor and banked feresunder the four boilers. at 9.15 shifted fires from two distilling boilers to two of the other boilers. Alg. 15 mustered at quarters and exercised as per societies. Patent logat end of watch 94.3. averoid barometer 30.23. Signed. G. Cleed. Limb Meridian to 4 P.M. Cloudy and pleasant with moderate bruges from 686. freshening towards end of watch. at meridian changed Course to M 3/4 A. Wessel on her course throughout watch, heading 1 3/4 N. aneroid barometer 30.18, Gatent log 17.2. Fires banked under four boilers. Instructed apprentices in longlish studies. Signed., N. I. I. Halpine. Ensign 4 to 6. C.M. Weather cloudy. Moderate breeze from 686. Mustered at quarters at 11. 115. Sent up spanker gaff and bent spanker, Set whain trysail at 5. 50. Ameroid barometer 30. 20.

b to 8. P.M. Olear, and pleasant. Moderate breeze from 686. Smooth sea, Galent log 113. 2. Ameroid 30. 21. Signed. Manwright Kellogg Linet I'm to Midnight, bloudy pleasant weather. Moderate & by S. ruge. Slight rise in baroneter. Vessel on course Would A. Patent \$ 68.2. Ameroid barometer 30.21. Signed. It. G. Hannum. Ensign

Mountained Examined and found to be correct.

Dec 4° 04° 49" S.

Phase, First Quarter

M. Strank\_ Livet & Navigator. under the command of Commander A. At. M. Bournick, U. S. Navy,
Thursday. October 2d, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.M. Clear and pleasant. Moderate briege from 6 S.E. Garometer falling. Fires banked under four boilers, Patent log at end of watch 93.9 knotst, America barometer 30.19.

Ito 8. A.M. Weather clear and pleasant. Moderate bruge from 6 S.E. Barometer steady. at 6.00 spread fires, Shortened and flisted pelleail. at 6.15, and swiling ship. at J. 45 set jib, made all square sail except maineail and set port topmast and topgallant stursails. Stood on course It \$4 N. Uncoupled propellor, and let fires die out, Ameroid at end of watch 30.22. Palent log 10.3.

8 am to Meridian Clear, good and pleasant, Slowly rising barometer, and gentle to moderate breezes from 686. Vessel owher gourse throughout the a the ading W 3/4 M Set lower stursail and hauled down jib. all 9.18 enspected at quarters, and exercised at armed bouts away and equepped. Aneroid barometer 30.21. Patent log 36.5. Meridian to 4 P. M. Clear, and pleasant with moderate breeze from 6 S. 6. Galling baronneter. at 1.00 instructed apprentices in English studies. Onervid barometer 30.16. Palent log 63.8. al 12.00 changed sourse to Wby N. Signed. W. M. Invin. Linet. Signed. M. M. Invin. Linet 11 to 6. C. M. Clear delightful weather. Moderate bruge from 6.86. Smooth sea, at 11. 115 mustered, at quarters. Oneroid 30 18. Catentlog 76.8. 6 to 8. O.M. Clear and pleasant, Moderate ESE breeze, Amonsetes steady Vessel on course Aby N. Palentlog 88.3. Aneroid barometer 30.19. Signed. W. J. Hannum! Onsign 8 M to Midnight, Clear and pleasant weather, Gentle bruge from S. 6. Parometer pising. Smooth sea, Light passing showers of rain Third hour of watch! Bright moon and starlight Catent log 10.3 knots. aneroid barometer 30. 21. Signed Karl Rohrer. Timb-Moonel anid. Examined and found to be correct. Dec 4. 04: 49" S. Phase First Quarters To Link of Navigator.

LOG of the UNITED STATES Steamer Essex 31 Rate, 6 Guns, Making passage from Satavia, Java to Mozambique. C. Ofrica Forms of Clouds, by symbols. Record of the sail the vessel is under State of the Sea. Hour. Knots. Air Dry Bulb. A. M. 686. OrxA 30.10 78 77 73 78 3 18 48 73 78 3 30.10 3 18 78 73 78 52 3 30.12 48 48 73 78 2 5 bep 3 3 3 4 3 be 3 Set head sails 5 3 86+8 53-51 5 3 686 6 3 bed 5 3 bo 11 3 Took in head sails Noon. 13 H knots 0 Distance run by Log since preceding Noon 12.070" Latitude by D. R. at Noon 53.32.6" Longitude by D. R. at Noon 12.09.6" Latitude by Observations at Noon O 53.29.6" Longitude by Chronometer from Forencon Observations O Current during the time knots fms. per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at & WWW .00 ,00. 350 gallons. Water expended during the preceding 24 hours during the preceding 24 hours Water remaining on hand fit for use at Noon 2200 " Coal consumed during the preceding 24 hours 400 lbs. Coal remaining on hand at Noon 126 " 1256 " P. M. 886. al & St. 3 6 30.111 80 81 13 Cum 3 30.12 5 80 81 3 3 30.11 80 81 5 4 3 30.11 81 76 78 30. 12 79 80 74 78 4 3 30.13 30.13 52-48 3 3 10 3 11 0 0 3 Mid. 5 0 Longitude by Chronometer from Afternoon Observations O Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

under the command of Commander A. St. M'Connick , U. S. Navy, Friday. October 3d , 18811 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until H. a. Mr. Weather generally glear and pleasant Gentle bruge from 686. Barometer falling aneroid 30.08. Patent log 31. Sentle briege grows as the Signed . So. P. Aus. Signed . So. P. S. Vissel on her course throughout watch heading Why A. Patent log 53. 4. Aun. oid barometer 30. 26. Set head sails . Signed. N. J. J. Halpine. Ensign. 8 am to Meridian. Olear and foliarant, Light driggling rain devening second hour. Gentle bruge from S. Elef & to E. B.C. at 9.15 muslevel At quarters and exercised let, 2d, and 3d divisions atgreat guns and Marine quard at small arous. at 8,45 wind hauled aheled to took in port lower and topigalland stunsails, alg. 55 wind hauled aff again, bracid in and set lower and topgallant stunsails. and haveled down head sails. Patent log at end of watch JH. H aner oid barometer 30.21. Signed. M. Arwin. Leub Meridian to 4 P.M. Cartly gloudy but pleasant with gentle breeze from 886. Falling baron Der, all instructed starboard watch of Apprentice boys in English studies. America 30.18. Patent tog 93.6.

Ligned Vainwright Hellogg, Lieut

4 to 6. P. M. Cloudy, pleasant Sweather. Gentle 6 & 6 to 8. S. Ebruge Slight rise in barous eter, at 4. 45 mustered alquarters and in mediately after exercised at shortening and making sail. Vessel b to 8. O.M. Clear and pleas and weather, Gentle brugo from & Oright moon and starlight. Patent log at end of watch 12.8 knots asserved barometer 30.21 8 P.M to Midnight, Weather chart and bleas ant, Bright moon light. Gentle bruge from & B. Baron eter steady. Anchoid 30.26.
Patent log 33.1 Signed. C. P. Rus. Lient

Moowlone of Examined and found to be correct. Dec. 0° 15' 44" ok Phase, First Quarter

, 1881.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Sommences, and will it a.M. Clear and pleasantwith, gentle bright from
St, and Ed. Vessel on her course throughout watch headure May N. Amend
baronseler 30.22. Getent log 51t houth
Seaned. A J. S. Chatpine Consign
Med & All Chatpine Consign
Moon set at 6.5. Ancroid baronseler Medicate brings from 56. Smooth sed.

Moon set at 6.5. Ancroid baronseler Medicate bring from S. Allered.

8 A.M. to Meridian. Dear and pleasant. Gentle brings from S. allered
triced up bedding to air. Gatent log at end of watch 15.5. Ancroid 30.28.

Meridian to 11. P.M. Clear and pleasant. Gentle bring from S. & Ordered
baronseler. Ot 12.20 changed course to W. M. M. Nessel on course about
of watch. Galent log 33.8. Amerida N. M. M. Nessel on course about
of watch. Galent log 33.8. Amerida No. M. M. Messel on course about
of watch. Galent log 33.8. Amerida No. M.

1 to 6. P.M. Blear and pleasant weather Medicate brings from S. &

undersing to freshin. Garonseler rising. Smooth was Ident freeze from S. &

undersing to freshin. Garonseler strady. Took welcher strenge from S. &

to 6. P.M. Weather clear and pleasant, Prophy moon light, Medicate bring
from Shy 6. Baronseler strady. Took welcher strenge from the fore topmist
elayeach at 627. Ancroid, about of watch 16 A. Reel.

8. P. M. to Midnight. Clear and pleasant, Prophy moon light, Medicate bring
fruth brings from Sdrand & Destrict of the stationary baronseler and
fruth brings from Sdrand & Destrict on what course it trongs of watch headsing to No. M. J. Sock in flying jit and toggallant dunsails. Eclipse
of moon commenced at 1858. Adversed baronseler 32.20. Datent log 18 to Reels

Signed. M. J. Stratpure. Ensign

Signed. M. J. Stratpure. Ensign

Mourlanid Examined and found to be correct.

Phase First Quarter

M. The Parke

, 1884.

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ha.M. Pleasant weather, Moderate to fresh bruge from S. E. Long swell from Sit, Observed a total aclipse of the mond beginning at 1200, completely observed at 1200; remaining in shadow about one hour and thirty minutes, arrived barons etch 30.24 Galent log 18. 11 to 8. a.M. Clear and pleasant, Fresh bruge from S. E. Smooth sea, at 4. 20 took in topmast stursail. at 4.30 Thanged course to Why S. Patent log 22.6, at 530 sighted low land bearing South, and at 830 high land. Hunter mountain) bearing South, distant about 20 miles. at end of watch small is land in sight bearing South, Patentlog 52.4. aneroid 30, 30. Signed. Mainwright & ellogy Line 8 a. M to Meridian. Clear and pleasant, Moderate & Educa 686 breeze, Rising barometer. alg. 15 called, all hands to muster and read articles of War, Vessel on course Wby S. Patent log 82.3. aneroid barometer 30.26. Segued. W. G. Hannum. Ensign Meridian to 11. O. M. Cartly gloudy with gentle bruge from 656. Falling barometer, almost changed gourse to &S. W. by M. ab12.25 took in port lower stursail, foretopinast staysail and flying jeb. at 12.50 took in mainsail and unbert it and pert gover on main main yard and on main and mizzen masts. at 1.20 hoisted anokestack and started fires under boilers 2.4.5.6. 7 and 8. at 3.25 banked fires. Avervid 30, 20. Patent log 100.5 knots. 11 to 6 P. M. Heather glear, and pleasant. Gentle to light airs from Lust 686. Darometer steady. at 11.20 shortened and furled sail and started ahead under steam. Onevoidat end of watch 30.20. Valent log 11.8. 6 to 8. P.M. bloudy and pleasant, Vessel on course throughout watch heading & Wby W. Sethead sails. arrevid barometer 30.21. Catentlog 26.21, Ohr strand 34. av. ovolutions. 40 Signed N. J. D. Stalpino Ensign 8 P. M. to Midnight, blouds, Pleasant, Light bruge from Why St. Steam 43 lbs. Ress. 43. Palentllog 57.8. Ameroid barometer 30.27. Lee Leut

Moon Louid Examined and found to be correct.

Dec 8° 57' 29" ch.

Phase Full moon

Teist & Navigator.

Commences and until 11 a.M. Clear, and pleasant. Light bruge from West. Smooth sea. Moonlight, Steaming under pla boilers. an ervid 30.20. Patent log 92.5. Ho & alm. Olear and pleasant. Gentle Why bruge Barometer almost steady. Vessel on course & Wby Vr. Patent log 26.7. Amerid barometer 30/23.

Signed. Ol. S. Aannum. Ensign 8 a M to Miridian. Clearland warm. Gentle bruge from & Wand SW by S. at 8.14 changed course to Wby S. palent log rading 28.8. at 9.30 ket jib and flying jib. J. J. Walton Dr Grs toom of enlistment expired. Palent log be end of watch 63.2. Ameroid 30. 19. Ows 50. Steam 50. Signed. Start Rohm. Tiest Meridian to 4 P. M. Weather clear and warms with light bruge from SSK. and WS W. at 12.30 changed course to Wal. patent log reading 67.8. at 1.00 set fore topmast staysail and main trysail. Instructed portivately of ap printice boys in English studies. At 1.35 took in maintyeais. Ameroid 20.20 Calent log 95.8. Signed G. P. Reis. 4 to 6. P.M. Olear and pleasant with light airs from Wed. Took inhead sails. at 11. 45 had evening quarters. av Steam. avors. aneroid bar. Oneter 30. 12. Galent log 10.6. Versel puher course throughout watch heading Signed. N.J. J. Halpine. Eusign 6 to 8 P.M. Pleasant weather Gentle bruge from WSW. Smooth sea, Steam 35 lbs. Revs. 33. aneroid baroweter 30.16. Patent logot. IL Signed Of Medrins Quit-8 P. M. to Midnight. Clear, and pleasant, Light pairs from West, Smooth sea, Steaming under ein boilers. Moonlight, ahervid 30.20. Patent log 56. 1. Signed : Wainwright Stellogg Quit

Moon anid Examined and found to be correct.

Phase, Full anoon,

Tient & Navigator.

Commences and until 11 am	v. Olear and	pleasant, 6	Bright mo	mlight
Light Why and WN M. bruge	1. Slight fa	llin baronse	the Verse	Contourse
W. Jud. Ratent log 87.6. aniroi	d 30. Al ande	am 38 lbs. R	volutions	44
W/wok. Ratent log 87.6. aneroi	ed.	M. G. Stann	um. Es	nsian.
4 to 8. a. M. Olean and Aleas	east weather	V Linkt to	gentle bre	est from
AN Barometer rising Sta	ated lines in	der two boil	enstordis	4: Hina
Quet las at end of watch on	4 Knots One	wind borows	etin 30.19.	J.
Or W. Barometer rising. Sta Palent log at end of watch 20.0	anied of	Harl Por	hros	Liest
8am to Meridian. Clear	and warmen	Light NW	louiso a	La Soured
down by order of bournander				
but went ahead shortly aft	the special in	detotiano	aunda in	01015
ver were uneva proving up	ant and I	Paleas I for	at and of	intaly
musicula per grecorers.	en purces.	swenninge	a may	wavero
mustered at quarters. 6. 33. Ameroid barometer 30.18 Meridian to 14 P. M. Clea	· Sim d	har.		P. F
m. 1. the pan bl	signed.	1. t. d.: 1	1 1	auto lis
Meridian so H. V. W. Dua	I on prea	same, signe	vruge fr	one Na
and Itd, Vessel on course		6/1		1
and hauled in patent log	registering	76.1. Dusul	ing wood	E 1.
avous. aneroid baron der	1 30.10 . Onstru	icled appres	vices in	onglish
studies.	0.	- Made	11	8.
110.01	Signed.	N. J. D. O. O.	talpine.	Onsign
11 - 1 1 1 1 1 1 1		/ / /		
4 to 6. PM, Pleasant wea	ther, Gentle	oreige from	N. Dimoo	th sea
Mustered at quarters at 11. 45.	Sent up for	and main I	opgallant	th sea
Mustered at quarters at 11. 45. booms Steam 45 lbs. Pers 22.	Sent up for aneroid baron	and main to	opgallant	ptunsail
Mustered at quarters at 11. 45, booms. Steam 45 lbs. Pers 22, 1	Sent up for an arendo.	and main to reter 30.13. Dis	op galland	Juneail June
Mustered at quarters at 11. 45, booms. Steam 45 lbs. Pers 22, 1	Sent up for an arendo.	and main to reter 30.13. Dis	op galland	Juneail June
Mustered at quarters at 11. 45, booms. Steam 45 lbs. Pers 22, 1	Sent up for an arendo.	and main to reter 30.13. Dis	op galland	Juneail June
Mustered at quarters at 11. 45, booms. Steam 45 lbs. Pers 22, 6 6 to 8. P.M. Olean and pleas and Versel on gourse It / X. Patentle Pers 200	Sent up fon Ameroid baron Signed. ut, Light Why g 96. 2. Amerbi	and main to eter 30.13. Dis M.M.J. bruge. Gard d barometer	op gallant tilling. rwin. veneter alm 30.31. av ali	Level- west steady, am 115 lbs
Mustered at quarters at 11. 45, booms. Steam 45 lbs. Pers 22, 6 6 to 8. P.M. Olean and pleas and Versel on gourse It / X. Patentle Pers 200	Sent up fon Ameroid baron Signed. ut, Light Why g 96. 2. Amerbi	and main to eter 30.13. Dis M.M.J. bruge. Gard d barometer	op gallant tilling. rwin. veneter alm 30.31. av ali	Level- west steady, am 115 lbs
Mustered at quarters at 11. 145, booms. Steam 45 lbs. Pers 22, 6 6 to 8. P.M. Olean and pleasan Versel on course It / X. Patentle Pers 29. 2.	Signed.  Signed.  Jight Why  g 96. 2. Amerbi  Signed.	and main to eter 30.13. Dis Ok. M.S. bruge. Gard barometer s	op galland tilling. rwin veneter alm 30.31. As ali	Level- de steteady s am 45 lbs
Mustered at quarters at 11. 145, booms. Steam 45 lbs. Pers 22, 6 6 to 8. P.M. Olean and pleasan Versel on course It / X. Patentle Pers 29. 2.	Signed.  Signed.  Jight Why  g 96. 2. Amerbi  Signed.	and main to eter 30.13. Dis Ok. M.S. bruge. Gard barometer s	op galland tilling. rwin veneter alm 30.31. As ali	Level- de steteady s am 45 lbs
Mustered at quarters at 11. 145, booms. Steam 45 lbs. Pers 22, 6 6 to 8. P.M. Olean and pleasan Versel on course It / X. Patentle Pers 29. 2.	Signed.  Signed.  Jight Why  g 96. 2. Amerbi  Signed.	and main to eter 30.13. Dis Ok. M.S. bruge. Gard barometer s	op galland tilling. rwin veneter alm 30.31. As ali	Level- de steteady s am 45 lbs
Mustered at quarters at 11. 115. booms. Steam 45 lbs. Pers 22. 6  6 to 8. P.M. Olean and pleasan Versel on fourse It hat. Patentle Pers 29. 2.  8 P.M to Midnight. Weather Sorth. Garoneter steady. Or foressure 16 lbs and making	Sent up fon Ameroid baron Signed. I ggb. 2. Amerbi Signed. Clear and p ight moon, a 30 revolute	bruge. Barabara St. Star Cons. Distille	op galland tilling. huin veneter alm 30.31. As all mun, the brug to Under	Level- de steteady am 45lbs Ensign. e from eteam.
Mustered at quarters at 11. 115. booms. Steam 45 lbs. Pers 22. 6  6 to 8. P.M. Olean and pleasan Versel on fourse It hat. Patentle Pers 29. 2.  8 P.M to Midnight. Weather Sorth. Garoneter steady. Or foressure 16 lbs and making	Sent up fon Ameroid baron Signed. I ggb. 2. Amerbi Signed. Clear and p ight moon, a 30 revolute	bruge. Barabara St. Star Cons. Distille	op galland tilling. huin veneter alm 30.31. As all mun, the brug to Under	Level- de steteady am 45lbs Ensign. e from eteam.
Mustered at quarters at 11. 45, booms. Steam 45 lbs. Pers 20, 6 lbs. Pers 20, 6 lbs. Pers 20, 6 lbs. Perselow course It how. Patentle Pers 29, 2, 8 P. M. to Midnight. Weather forth. Garonteter steady. Or foressure 16 lbs and making at end of watch. America ba	Sint up fon Ameroid baron Signed. at, Light Wh g 96. 2. Ameroi Signed. So revolute croweter 30. 18.	and main to eter 30.13. Dis M. M. S. Sta barometer of M. S. Sta leasant. Se and etaslight ins. Distitle	opgalland tilling. Twin. veneter alm 30.31. Ou sti mun. t. Under ing. Pater Rohrer.	Level- and steady and wills  Ensign.  e from eteam. et log 18.9  Level-
Mustered at quarters at 11. 45, booms. Steam 45 lbs. Pers 20, 6 lbs. Pers 20, 6 lbs. Pers 20, 6 lbs. Perselow course It how. Patentle Pers 29, 2, 8 P. M. to Midnight. Weather forth. Garonteter steady. Or foressure 16 lbs and making at end of watch. America ba	Sint up fon Ameroid baron Signed. at, Light Wh g 96. 2. Ameroi Signed. So revolute croweter 30. 18.	and main to eter 30.13. Dis M. M. S. Sta barometer of M. S. Sta leasant. Se and etaslight ins. Distitle	opgalland tilling. Twin. veneter alm 30.31. Ou sti mun. t. Under ing. Pater Rohrer.	Level- and steady and wills  Ensign.  e from eteam. et log 18.9  Level-
Mustered at quarters at 11. 45, booms. Steam 45 lbs. Pers 20, 6 lbs. Pers 20, 6 lbs. Pers 20, 6 lbs. Perselow course It how. Patentle Pers 29, 2, 8 P. M. to Midnight. Weather forth. Garonteter steady. Or foressure 16 lbs and making at end of watch. America ba	Sint up fon Ameroid baron Signed. at, Light Wh g 96. 2. Ameroi Signed. So revolute croweter 30. 18.	and main to eter 30.18. Dis M. M. S. Sta barometer of M. S. Sta leasant. Se and etaslight ins. Distitle	opgalland tilling. Twin. veneter alm 30.31. Ou sti mun. t. Under ing. Pater Rohrer.	Level- and steady and wills  Ensign.  e from eteam. et log 18.9  Level-
Mustered at quarters at 11. 115. booms. Steam 45 lbs. Pers 22. 6  6 to 8. P.M. Olean and pleasan Verselow sourse It hat. Patentle Pers 29. 2.  8 P.M to Midnight. Weather Aorth. Garoneter steady. Or foressure 110 lbs and making	Sint up fon Ameroid baron Signed. at, Light Wh g 96. 2. Ameroi Signed. So revolute croweter 30. 18.	and main to eter 30.18. Dis M. M. S. Sta barometer of M. S. Sta leasant. Se and etaslight ins. Distitle	opgalland tilling. Twin. veneter alm 30.31. Ou sti mun. t. Under ing. Pater Rohrer.	Level- and steady and wills  Ensign.  e from eteam. et log 18.9  Level-

Moron Land Examined and found to be correct.

Dic 15°40' 42" Ch.

Phase, Full anoon,

The Parker. Livet & Navigator.

		1/1	1		
Longitude by Chronometer from Afternoo	on Observations ⊙			,	
Longitude by Chronometer from Observat	tions	*			"
Variation of the Compass by Amplitude	observed at Sunset				"
Variation of the Compass by	at				-

Donners and until 11 a.M. Weather glear and pleasant, Bright mison-light, Gentle breeze from & and Et, Garometer falling. Ameroid at end of watch 30.10. Patent log H. H. Distilling. Signed. G. P. Aus. Sint 4 to 8 a.M. blear and pleasant with gentle breezes, and rising barometer. at 4.15 changed course to WS It. at 6.10 stopped distilling. at 6.40 made low land one point on starboard bow, austrain. 46. av pers. 46 aneroid bar. 30.17. Gat log 72. 7 knots Signed. A.J. G. J. Stalpine. Ensign 8a.M. Pleasant weather. Moderate bruge from N. W. haveling to N. Eby Nand & N. E and freshening. Standing in for anchorage in harbor of Mozam beque, under quidance of Commanding Officer. at 8.2k ghanged gourse to & Wby S, paterit log 76.2; at 8. 45 to West, fratent log 79. 4: at 9.20 to WWby W. 14 W. patent log 89. al 9.50 havled in patent log Signal Station on shore mude (International bode,) sigmal B. A. W. answered S. M. J. D. Signal station made B. P. C. answered to b & Sig nal station made D. V. H. L. P. answered H. D. V. at 10.15 called, allhands bring ship to anchor and at 10.25 came to with the starboard anchor in Mozambique harboren in 4/v fathous water veering to 15 fathours on starboard chain. Searings of auchorage: Ban Sebastian Flagetaff Sby 6 fr 6. North end of hier & W 3/4 M Ship's head North. Draft 13'5" for a, 15 ft bin aft. Sanked fires. Received visits from Captain of the port, and from Portuguese man of war in the harborn Meridian to 11 P. M. Clear and pleasant, Stiff bruge from Coy N. at-1.25 called all hands moor ship, moored with 37 for fathours on starboard ghain. and 23/x fathoms on port chain; & N. E. and VSV. Sent down light fards and un bent eails Sent of the starboard and un Sent pails. Sent officer, ashore for mail but found none for us. aneroid bar. 30.11 Signed. C. O. Bitler. Ensign Ensign Barometer steady, Slack water at 11.50. Ameroid barometer 30.18.

Leuit Lewit Moon onid Examined and found to be correct.

Dec 17:35 69 d.

Phase, Full moon.

Variation of the Compass by

LOG of the United States Steamer Essed, 32 Rate, 6 Guns, Moored of Mozambique. East Africa.

				WINDS.			BAROMET	CER.	TEM	PERATU	JRE.	State of the	Forme	Hear ths.	State	3000 7000
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb,	Air Wet Bulb.	Water at surface.	Weather, by symbols,	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is at end of watch.
A. M.																
. 8	loo	d	6.N.E.	CXX.8	1		30.10	78	78	74		be	Gir Quin	6	8	A STATE OF S
2			"	,	11	1	30.10	78	78.	74		"	. "	11	"	The state of the s
. 8			"	1	4	-	30.08	781	78	74		,	"	11	"	
4			No	Ext.	4	- Santa	30.08	78'	78	74		"	"	1	"	
5			106	,	11		30.08	78	78	75		"	"	7	"	
7			ON W	-N× 6:	3		30.10	79	78	75		. "	"	6	"	
8			WOV W	01-10	3		30.11	79	78	75		*	-	6	"	
9	8/	1	NI	"	3		30.16	79	79	75				7	"	
10			"	N6.	11		30.16	79	79	45		,		7		
. 11			AE.	"	4		30.16	79	79	75	-	,		8	"	The same of the sa
Noon			. "		4		30.16	79	79	75				8		
1	1.	-			1	-			-	_	-		1			
	Distar	nce ru	in by Log since pre	eceding Noon							1		knots	fatl	noms.	
	Latitu	de by	D. R. at Noon											*	"	
	Longi	tude l	by D. R. at Noon												"	
	Latitu	de by	Observations at N	Ioon O									•		"	
			by Chronometer from											•	"	
			ring the time				ur, setting	to th	10							
			f the Compass by			Sunr	rise							-	"	
			f the Compass by		ed at			` `						•	"	
	water	expe	nded during the pr	receding 24 nonrs			-		-				300	, ga	llons.	The State of the S
	Water			during the number		- 04 1										
	Water		aining on hand fit.	during the pr	recedin	g 24 l	hours						2.16		"	
	Water	rema	aining on hand fit i	for use at Noon	recedin	g 24 l	hours				7		216	,	"	
	Water Coal c	rema	ned during the pre	for use at Noon ceding 24 hours	recedin	g 24 l	hours						tons	00	" lbs.	
	Water Coal c	rema		for use at Noon ceding 24 hours	recedin	g 24 ]	hours				3			00	"	
	Water Coal o	rema	ned during the pre	for use at Noon ceding 24 hours	recedin	g 24 l	hours				1		tons	00	" lbs.	
P. M.	Water Coal o	consur	med during the pre	for use at Noon ceding 24 hours	recedin			80	80	78	1		tons //	16	" lbs.	
P. M.	Water Coal o	consur	ned during the pre	for use at Noon ceeding 24 hours				1000	80	78 73	1		tons	16	lbs.	
P. M.	Water Coal o	consur	med during the pre	for use at Noon seeding 24 hours oon	11		30.11	80		78 73			tons //	16	lbs.	
P. M.	Water Coal o	consur	med during the pre	for use at Noon seeding 24 hours oon	11		30.11	80	80	75 75 75 75	1		tons //	16	lbs.	
P. M.	Water Coal o	consur	med during the pre	for use at Noon seeding 24 hours oon	11 11		30.11 30.11 30.08	80	80 80	75 75 75 75 76			tons //	16	lbs.	
P. M.	Water Coal o	consur	med during the pre	for use at Noon seeding 24 hours oon  6 A.E. 6 Y.A.	11 11 11 11		30.11 30.08 30.08	80 80 80 82	80 80 80	75 75 75 76 76			tons //	88888	lbs.	
P. M. 2 2 3 4 5	Water Coal o	consur	med during the pre	for use at Noon seeding 24 hours oon  6 N.S. 6 Y.A.	11 11 11 11 11		30.11 30.08 30.08 30.08	80 80 80 82 82	80 80 80	75 75 76			tons 1/2  Giv Oun	88888	lbs.	
P. M. 22 3 4 5 6	Water Coal o	consur	med during the pre	for use at Noon seeding 24 hours oon  6 N.S. 6 Y.A.	11 11 11 11 11 11 11 11		30.11 30.08 30.08 30.08 30.10	80 80 80 82 82	80 80 80 80	75 75 76 76			tons 1/2  Giv Oun	88888	lbs.	
P. M. 2 3 4 5 6 7 8	Water Coal o	consur	med during the pre	for use at Noon seeding 24 hours oon  6 N.E. 6 Y.A.	11 11 11 11 11 11-6 11-3		30.11 30.08 30.08 30.08 30.10 30.12	80 80 82 82 81 80	80 80 80 80	75 75 76 76 76			Liv Oun	8 8 8 8 8 8 8 8 8 6 7 7 7 THE TOTAL OF THE T	lbs.	
P. M. 2 3 4 5 6 7 8 9 10	Water Coal o	consur	med during the pre	for use at Noon seeding 24 hours oon  6 N.E. 6 Y.A.	11 11 11 11 11 11 11 11 11 11 11 11 11		30.11 30.08 30.08 30.08 30.10 30.12 30.10	80 80 82 82 81 80	80 80 80 80	75 75 76 76 76			cirques	8 8 8 8 8 8 8 8 8 6 7 7 7 THE TOTAL OF THE T	lbs.	
P. M. 2 2 3 4 5 6 7 8 9 10	Water Coal o	consur	med during the pre	for use at Noon seeding 24 hours oon  6 N.E. 6 Y.A.	11 11 11 11 11-6 11-3 11		30.11 30.08 30.08 30.08 30.10 30.10 30.07	80 80 82 82 81 80	80 80 80 80	75 75 76 76 76			cirques	8888679998	lbs.	
P. M. 2 3 4 5 6 7 8 9 10	Water Coal o	consur	ened during the pre- ning on hand at No  & & &  & &  & &  & & &  & & &  & & &  & & &  & & &  & & &  & & &  & & &  & & &	for use at Noon seeding 24 hours oon  6 A.E. 6 Y.A. " " " " " " " "	11 11 11 11 11 11 11		30.11 30.08 30.08 30.08 30.10 30.12 30.07 30.07	80 80 82 82 81 80	80 80 80 80	75 75 76 76 76			cirques	8 8 8 8 8 8 8 8 8 6 7 7 7 THE TOTAL OF THE T	lbs.	
P. M. 2 3 4 5 6 7 8 9 10 11 Mid.	Coal a	remain	end during the preming on hand at No.	for use at Noon seeding 24 hours oon  8 A & A.  8 **A.  """ "" "" "" "" "" "" "" "" "" "" ""	11 11 11 11 11 11 11 11 11 11 11 11		30.11 30.08 30.08 30.08 30.10 30.12 30.07 30.07 30.07	80 80 82 82 81 80	80 80 80 80	75 75 76 76 76			cirques	8888679998	lbs.	
P. M. 2 3 4 5 6 7 8 9 10 11 Mid.	Coal of Coal o	r remain de la consultatude la	end during the preming on hand at No.	for use at Noon seeding 24 hours on  8 A &  8 × A.  ""  ""  ""  Om Afternoon Obs	11 11 11 11 11 11 11 11 11 11 11 11		30.11 30.08 30.08 30.08 30.10 30.12 30.07 30.07 30.07	80 80 82 82 81 80	80 80 80 80	75 75 76 76 76			cirques	8888679998	lbs.	
P. M. 2 3 4 5 6 7 8 9 10 11 Mid.	Coal of Coal o	r remainemainemainemainemainemainemainemain	end during the preming on hand at No.	for use at Noon seeding 24 hours on  8 N & 8 × N.  "" "" "" "" "" "" "" "" "" "" "" "" "	11 11 11 11 11 11 11 11 11 11 11 11	ns O	30.11 30.08 30.08 30.08 30.10 30.12 30.07 30.07 30.07 30.07	80 80 82 82 81 80	80 80 80 80	75 75 76 76 76			cirques	8888679998	lbs.	

, 18811.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 a. M. Garly gloudy with moderate breize from Onther of Salling barometer. Ameroid 30.17. Clear hawse. Of Joeans. Ensign. Signed. Of Joeans. Ensign. Uto 8. a. M. Weather clear and pleasant, Gentle bruge from North. Barometer rising. Ameroid at end of watch 30.23. Clear howse. Lieut. Signed. C. Pare, Lieut. 8am to Meridian. Clear good and pliasant, with moderate breeze from Adjand Ed. Commanding Officer left ship to pay official visits to the soo. emor of the Province and to the bonnianding Officers of the men of war in port, Chal Cartin (d.) Oscar Smith (S.), and A. E. Anderson, Sea) reported the expiration of their respective terms of entistment. Clear hause. Averoid barometer 30.20. By order of Commanding Officer, Jat Stewart (Ids.) and Franklin A. Morris. Ids.) were given four hours extra duty for neglect of duty and Won Geatherstone (Ils) and Hayashi Stajin Ids were given four hours extra duty for treating with contempt orders from the Officer of the Deck! Meridian to 11 P.M. Clearand pleasant, Moderate bruge from 646 to Eby N. Clear hawse. aneroid barometer 30.15. to Eby N. Clear hawse. Ameroid barometer 30.15.

Signed. M. M. Srwin. Limb

Lto 8. C.M. Chay and pleasant, Moderate to stiff bruze from Eby A to

N. E. At 4. 45 mustered at quarters. Hoisted boiler into steam cultiv. Com
merced swinging to ebb ledo at 6.05, finished at 7.50. Clear hawse. Ameroid

barometer 30.19.

Signed. R. O. Biller. Ensign 8 P. M. to Midnight, Clear and Ipleasant. Moderate bruge from N. 8. Moonlight, Ebb tide. Ameroid 30.24. Signed. Hainwright Kellogg. Level About and Examined and found to be correct.

Dec. 18. 21: 10" ch Phase. Full moon Lewit & Navigator

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

LOG of the United States Steamer Essex , 32 Rate, 6 Guns, Moored off Mozambique. East-Africa.

		Moo	redoff	0	No	zan	nb	ra	ue	1.	Gast-	Afri	ca		
			WINDS.		6	BAROME	TER.	TEM	PERATU	URE.			Bar 18.		
Hour.	Knots. smooth	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is unat end of watch.
A. M															
	Flood	No.	016	11		30.10	79	78	711		1	Cir cum	8	8	
2	reodu	6 dr 6	"	11		30.09	19	10	74		200	ger vum	4		30.50
3		6	d.	3		30.08	79	77	711		"	"	8	"	
4		6 x d.	,	3		30.08	77	77	74		,	Cei	9	"	
5			,	3		30.07	78	78	75		,		9		AND STREET, ST
6		A.A.W.	,	3		30.07	78	78	75		,,	"	9	"	
7	Cell	"	,	4		1	79	78	75		,	Civ aum	8		
8		WAN.	,	4		30.10	78	78	75			,	7		1
9				4		3. 16	78	78	75				8		
10		NV.	A6.	M		30.16	78	78	75				6		
11		"	"	1		30.16	79	78	75				6		
Noon	-		"	14		30.111	80	79	76		"		7		
	Distance r	un by Log since pre	eceding Noon									knots	fath	noms.	
		y D. R. at Noon	Troom									e e	,	"	3
		by D. R. at Noon												,	
		y Observations at N	Ioon O										,	"	
		by Chronometer fro		rvation	8 0								,	"	
		uring the time				ur, setting	r to th	IA.							
		of the Compass by		1000										"	
		of the Compass by											,	"	1
		ended during the pr										300	O'S.	llons.	
	Water		during the pr	eceding	g 24	hours						200	5	"	
	Water rem	naining on hand fit i										2,6	,	"	
		amed during the pre										tons 11		lbs.	
		ining on hand at No									137		16	"	
	1 1										/				
P. M.														1	
10	Flood	de	NE	11		30,11	80	80	76		bo	li lurs	6		
2		C/6×6	,	11		30.13	81	81	76		"	"	5	*	
8			NE +6.	11		30.10	81	81	76	,	"	,	4	a lead	
4		,	,	4		30.10	81	81	179			-	4	"	
5		6+1.	,	H		30.08	81	81	77	1	,	1	5	1	
6		,	"	11		30.08	81	81	77	1	"		6	"	
7	1	A6 46.	,	11		30.10	81	78	177	,	"		8	4	
8	6ff	NI +St.	Orto.	4		30.10	81	178	76		,	,	8	-	
9				11		30.10	79	186	176		,		8	1	
10			"	11		30.10	//	78	76	136			17	-	
11		an	CN.	11		30.10	V.	177	176		,		8	1	
Mid.		"	"	4		30.10	//	77	76				6		
				-			//	1/	Y		1				-
	Longitude	by Chronometer from	om Afternoon Obs	ervation	ns 0										
	Longitude	by Chronometer fr	om Observations			*						1	,	"	

Commences and until I. a.M. Clear, and pleasant, Bright providight. Moderate NE and Ney bruge. Galling baroneter. Vessel riding to flood. Signed. M.S. Hannun, Ensign Ho 8. A. M. Weather clear, and pleasant, Gentle to producte briggion North. Accived two lighters of coal alongside. Aneroid barometer 30.22. Signed. Starl Robers. Lint 8 AM to Meridian. Clear, and pleasant with producte brigge from N.E. Aising baroweter. Engaged in coaling ship. John Carson, 161 Fire) and John J. Rederiger Dhummir. U.S.M. (6.) enlistments expired this day. By Irder of Commanding Officer released Louis J. Schuman leve from confinement. Hoisted out Bleam Dutter. Serubbed main and miggen masts and main pard, Commanding Officers of two Porluguese men of war paid official visits to Commanding Officer. Slack water at 11.45. Anervid barometer 30.20. Signed. W.J. Sears. Ensign Meridian to 4 P.M. Clear, cool and pleasant. Gentle bruge from 46. to NE by 6. Engaged in evaling ship. Linets M. R. S. Mackengie and 6. P. als. and P. A. Paymaster Louis A. Yorke, left the ship on leave until the 13" inst, Received an Official visit from an aid de Camp of the Lovernor of the Province. Anervid barometer 30.18. Clear hause Flood tide at end of watch. Signed. A.J. S. Halpine. Ensign 4 to 8. P.M. Clear and cool. Moderate bruze from N. 6. Finished coal. ing having taken in 55 lons, Swang to the ebbab 7.15. Aneroid barometer 3d. 19. Hoisted Steam Butter. Dlear hawse.

Signed. Of. M. Shevin. Frest

8. P. M. to Midnight. Blear and pleasant with moderate breeze from NE to A. at 11.30 moon pose, America barometer 30.19. O. Bitler. Ensign

Moonland Examined and found to be correct.

Dec 17. 55' 13" ct.

Phase, Full onoon,

Diet & Navigator.

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

LOG of the United States Steamer Essex; 3d Rate, 6 Guns, Moored off Mozambique, East africa.

				mo ortu	1	1	- nu	qu.	000	000	que	e, en	w c	1	uc	w.
				WINDS.			BAROME	TER.	TEMI	PERATU	TRE.			4 4		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is unde at end of watch.
A. M.	21	1	2.18	-4	-		2	~		.,		1			0	
16	000	-,	.01×0	OV.	11			78	77	76		00	Gircum	9	20	
20	tlo	vd	8 d 8.	"	2		30.08	78	77	76		"	"	19	"	
3			6016.	"	2			78	77	76		,	"	0	"	
4			"	"	2		30.08	78	77	76		"	,	98	"	
5			1.8	*			30.08	77	76	74		,	"	8	"	
6	21	1	016	N×8	2		30.08	77	76	74		"	"	0	"	
7	00	1	-MONSON	01.0	2		30.08	79	77	74		"	"	7		
8	-		ON WOV.	A.E.	11		30.10	80	7/	74		,	Çir	1/2	"	
9			"	0,0,			30.12		19	70		"		10		
10			"	"	5		30.12		19	10		"	Gr cum	8	-	
11			"	"	5		30.12	1000	801	2/		"	-	8	"	
Noon	1		"	*	0		10.12	0/	00	16		-	"	1	"	
	D: .			). N												
			in by Log since pre	ceding Noon									knots	fat	homs.	
			D. R. at Noon												"	
			by D. R. at Noon											-	"	
			Observations at N												"	
			by Chronometer fro										•	•	"	1
			ring the time	knots			our, setting	g to th	ie							
			of the Compass by A			t Sur	rise						•	-	"	
			of the Compass by A		red at								./	,	"	
			ended during the pr										Ho	o gr		
	Wate			during the p	recedin	ıg 24	hours							/	"	
			aining on hand fit f										/	eo	"	
			med during the pre-										tons 18	00	lbs.	
	Coal	remai	ining on hand at No	oon .								136	. " 12	56	"	
D M	T	T				T	1	1	1	1	1			1	T	
P. M	2	11	apple. 10	-11.6		,	1	10				1				1
1	00	0,	ON WYOV.	No	11	930	30.08	-	1//	/		be	Circun	07	"	
30	lor	od	010	,	11		30.08	1 100000	1000	76		"	"	17	"	
3	"		10.8	"	11		30.08			176		"	,	8	11	
4	"		N646	"	11		30.07		1000	/		"	1	8	-	
5	"		"	"	2		30.00			76		"	"	8	- 11	
6	"		"	"	2		30.07	180	79	170	9	"	"	8	"	
7	"		"	,	2		30.07	79	78	70	1	"	"	9	" "	
8	9	10	NE +A.	"	1		30.07	79	78.	178	1	-	"	9	"	
9	06	4	Or.	"	11	-	30.09	1000	78	170	5		Cir	19	"	
10	"		down	,	4	7	30.09		78	70	1	"	"	9	7 "	
11	"		"	"	4		80.00		18	78	5		"	9	"	
Mid.	"		"	"	5	-	30.08	80	178	76	5	-	"	9	"	
	1								X	1				1		
	Long	itude	by Chronometer fr	om Afternoon Ob	servation	ons @							•	,	"	
			by Chronometer fr				*								"	
								The state of								THE RESERVE THE PARTY OF THE PA

under the command of Commander A. A. M. Comick , U. S. Navy, Saturday October 11th , 1881.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and wall IL a. M. Blear, and pleasant, Moderate to light breeze from S. a. a. a. b. b. b. b. b. commenced severaging to flood at 16 to 1. C. a. a. and warm. Sight My and M. breeze, Garometer steady. Versel swing to the ibbat & Blear haws. Our field shipsout, and in the manual barometer 3d. O. Signed. It. S. Sfamium. Ensight of Meridian. Oheather char and pleasant, Fresh breeze from A. C. Sarometer steady. a Portuguesi guntout went to real brossed. Topgallant spards. Ohear and pleasant weather with producte bruge from S. Steady barometer, but govers on for and affects. Advised 30.11 Steady barometer, but govers on for and affects. As a Considerable bruge from S. C. America barometer so the Commence of water beauty barometer and light breeze from S. C. America barometer 3a.18. Reding to flood, at end of water with clear haws.

8 G. M. to Midnight, Blear, good and dample beauty due. Moderate bruge from A. C. Dommenced swenging to the eth at 1.35 Clear how. Osserbid barometer 30.18.

Signed. M. M. Sprom. Linds.

Moon & mid Examined and found to be correct.

Dec 16° 23' 20" Of:

Phase, Last Quarter

W. H Park. Liesty Navigator.

LOG of the United States Steamer Essex., 3d Rate, 6 Guns,
Moored, off Mozambique. East Africa.

					a compey	1	-u	agu.	was	ny	u	U.	romen	1	-	-	
F					WINDS.			BAROME	TER.	TEM	PERAT	URE.			Par B		
1	Hour.	Knots.	Fathoms,	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths.	State of the Sen.	Record of the sail the vessel is under at end of watch.
1	A. M																
	1/	81	1	Morry	161	11		30.07	80	20	-1		· for	Cir Cun	16	8	
1	2	9.1	1	0,0,0,	OIN.	3		3006		100	75	-		coun	8		
1	3	uor	w	N	•	2		30.06	70	10	-	,	"	"	8		
	4	133		Or.	*	2		30.06	77	77	74		"		8		
1				21	•	2			77	77	74		-	"	0	"	The second second
1	5			10.	,	1		30.08	77	77	74	1	"	"	19	"	
-	0			"	6.1	/		30.10	77	77	74		*	"	9		
-	7			202,	Malm	0		30.13	77	78	70		"	,	9	"	
	8			000.	01.61.	0-1		30.16	18	78	75			"	6	*	
4	9	0	1	(O).	OXS.	1		30.16	78	78	76		*		3		
4	10	Ob	4	86×6.	S.	1		30.16	78	78	76	100			4	-	
	11			8861.	861	1		30.16	179	79	76			-	4	"	
1	Noon.			Wed.	"	2		30.16	79	79	76				3		
L		-					-		//	11	/			10000			
		Dista	nce ru	n by Log since pre	ceding Noon									knots	fatl	homs.	
				D. R. at Noon											,	"	
				by D. R. at Noon											,	"	
				Observations at N	aan (i)				-							"	
																,,	
				by Chronometer fro													
				ring the time				nr, setting	g to th	he							
		Varia	tion o	f the Compass by A	Amplitude O obse	rved a	t Sun	rise						•	,	"	
		Varia	tion o	f the Compass by A	Azimuth ⊙ observe	ed at									,	"	
		Water	expe	ended during the pr	eceding 24 hours									32	0 g	allons.	
		Water			during the pr	ecedin	g 24	hours								"	
		Wate	r rem	aining on hand fit f	or use at Noon									14.	40	"	
		Coal	consu	med during the pre-	ceding 24 hours									tons 8	00	lbs.	
		Coal	remai	ning on hand at No	on								136		156		
	P. M.					1	1	1-							T	T	
1	1	21	1	Wxd.	86.	0	1	2	10				1	1.	1		
1	3	900		88.W.	010.	2		30.11	100	1//	11	7	be	Pir aus			
1		11		0.0.11.	"	2	100	30.13			1//	7	"	"	6	"	
-	3	loo	do	\$6.	,	2		30.10			1/	6	,	"	0	11	
+	4			*	"	2		30.09	82	2 80	174	6	"	"	6	"	
1	5			"	,	2		30.09	181	180	76	5	"	Cir our	46	"	
4	6				,	2		30.09	9 80	80	70	6	,		6	,	
1	7			6/	Ĝ.	2	100	30.10	80	79	170	6	,	circus	101 7		
	8			,	4	2		30.13	9 30	1//	170	6			8		
	9	1				1-2		30.15		1'.	176	6	bal	-	8	-	
1	10	1			6016.	1-2		30.15	1//	3/1	/	1	, ou		8		
1		6.6	11	Word	NOTE.		100	30.10	1//	179	7	,	"	-	8		
1	Mid.	10		1011.	"	1-2				178	76		"	"	18	-	The same of the sa
-	and.	1		"	"	0-1	1	30.10	79	778	76	1	"		19	-	
				by Chronometer from		ervatio	ns ©	•								"	-
				by Chronometer fre				*								"	4
		Varia	stion (	of the Compass by	Amplitude obs	served	at St	inset							,	"	1
																	THE RESERVE OF THE PARTY OF THE

Variation of the Compass by

under the command of Gommander A. A. M. Bonnick , U. S. Navy, Sunday, October 12. , 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until L. A.M. Clear, and pleasant. Sight to modevale bruze from N.E. At 1.25 swing to flood Americal bar. 30. 15.

Uto 8 A. M. Cloudy Chasant, Sight variable airs and calmis.

Thou tide during watch America 30. 25.

Soll to Seridian. Gartly cloudy Charm and pleasant, Sight variable bruge. Steady bahometer. At 9.30 mustered at qualters, Commanding Officer inspected ship and crews. Swing to the ebbat 11.30 manding Officer inspected ship and crew. Suring to the et bat 11.20

Brossen hairse Anivord 30, 23.

Signed. If I Harmum, Ensign.

Meridian to 11 P.M. Weather clear and pleasant, Light breeze from S. B. Garometer falling. Swung to flood at 2, 115, Clear hawse.

Ancrord barometer 30, 18.

Signed. Sand Pohrer. Swist.

St. Riserig barometer, Haisted out elbarn launch! Ameroid 30, 20.

patend of watch, Olear hawse.

Signed. If Sears! Ensign

Ensign

End to Midwight. Clear and pleasant. Lith light pairs pand breezes from Est, Bright starlight. Swung to elberith plan hawse.

And wid bar. 30, 20. Occasional lightning to 19de.

Gusteph.

Signed. A. J. C. Syalpine. Ensign

Moon lanied. Examined and found to be correct.

Oec. 13" 55" 32" or.

Phase. Last Quarter.

To The Parker ... Quiet & Navigator.

Noon.

Hour. Knots   State of the Wenther.   Direction.   Force.	te, 6 Gu
Hour.   Knots.	-
A. M  1 Elf W. A. Calm 0 30.14 80 80 76 bc cin 9 8  2	
1 6 ft Wed. Calm 0 30.14 80 80 76 be civ 9 8  2 " 0 30.13 80 80 76 " aireum 7 "  3 V. " 0 30.13 80 80 76 " 9 "  5 " 8 9. 0-1 30.13 98 78 76 " 6 "  6 " 0-1 30.15 78 78 76 " 14 "  7 Flord SWIM. " 0-1 30.17 78 78 76 " 7 "	d of the sail the vessel is une at end of watch.
2 0 30.13 80 80 76 aircum 7 3 0 30.13 80 80 76 6 4 0 30.13 80 80 76 9 5 S.M. 0-1 30.13 78 78 76 6 6 0-1 30.15 78 78 76 14 7 Flord S.M.M 0-1 30.17 78 78 76 7	
3	
3	
5. Sy. 0-1 30.13 78 78 76 6. 6. 6. 7. 5lood SW+W 0-1 30.17 78 78 76 7.	
6 0-1 30.15 78 78 76 14 7 30.17 78 78 76 7	
7 Flood SW W. " 0.1 30.17 78 78 76 " 7"	
8 86. " 0-1 30.20 79 81 78 . " 7 .	
9 86 0-1 30.21 79 81 78	
10	
11 ESF 686 SS. 9. 1 30.21 79 81 77 " 7 "	

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon	•	, ,
Longitude by D. R. at Noon	•	, . "
Latitude by Observations at Noon ⊙	•	, ,,
Longitude by Chronometer from Forenoon Observations ⊙	•	, "
Current during the time knots fms. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	•	, "
Variation of the Compass by Azimuth ⊙ observed at	•	, ",
Water expended during the preceding 24 hours	320	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	1120	"
Coal consumed during the preceding 24 hours	tons How	lbs
Coal remaining on hand at Noon	13/ " 5/	"

P. M.											
1 8	of Sx II	86.	2	30.16	80	80	76	be	Cir Cum	7	"
2	WxS.	,	2	30.111			76	,		7	*
3	"	"	2	30.111	80	80	76		"	6	,
4	8 x 6.	,	3	30.111	81	80	76	,	,	5	"
5 Flo	od 6016.	606	3	30.15	81	80	76	"	,	5	"
6		.,	3	30.15	-81	80'	76	"	,	5	
7		"	3	30.19	81	80'	76	"	liv	9	,
8		"	11	30.17	81	80	76		"	9	
9	Exd.	"	3	30.17		78	74		"	9	4
10	"	,	4	30.19	81	78	711		,	9	
11		"	11	30.19	81	78	74		"	9	"
Mid.	"	,	2	30.19	79	78	74			9	

Longitude by Chronometer from Afternoon Observations ⊙	 ,	"
Longitude by Chronometer from Observations *	,	"
Variation of the Compass by Amplitude observed at Sunset	,	"
Variation of the Compass by		

, 18811.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11. A.	W. Gleasar	stweather	Calm Mo	owroseat
1.30. Charhairsel. Americal baron	meter 30.20			
1.00	Signed.	01. M.c	Trevin.	Sint
11 to 8 A.M. Pleasant weather	ed. Calm	and light	& Wairs. O	At 6.45
Aneroid barometer 30.24.	lood: got a	round at	7.30. Oross v	n hause
Anervid barometer 30.24.				
Chinesis !	Signed	Q. O.	Beller.	Ensign
8 AM to Meridian. Clear and	Mot, Sigh	et airs hon	v Sd and M	La ala 30
mustered at quarters, Drill en	ushendeld	in accoun	tol the he	at Osear
Swith God Valsent without he	ave: return	red on bor	and at 10 1	three hours
overtime, having been detain	red on shon	buguth	miles Peter	bannon
(box ) and Frank Paris. (Sea)				
enlistment. By order of bom	mandina	Officer To	inother 26	lark (bl)
was given twonty howers catro	w duty Mr.	detaining	book blu	15 com-
menered to sweet a to oble On	renorth has	meter 3h. on		
menced to sweet g to ebb. as	Sugned (	Wainwring	15/1/100	Sunt
Meridian to 11 P.M. Partly	closedes (	Warmer and	the apparet	weather
Sight to gentle & & breeze. (5)	allering boar	was steer &	approxited	0/-330
Very thought to the Mind at 1/20	lon leving to we	James Herry	and bounds	inited the
Vessel swang to the flood at 4.00 ship and was received with the,	e cost in no	e Annied	has maretral 30	10
any pina was received wanter,	Signal	Of le Sta	nnuml.	P. Jane
11 to 8. P.Mb. Weather clear, and	11 Junta	Gentle to a	which.	Insugn
6. A.C. Garometer rising. Elova	puasuro.	sense is ju	beraw orig	E-lining
oneth. It to	le jumnin	y. repose in	mause, po	unain
ship. Musicia at quarery	et H. Ho arra	served pull	ream namm	nocus.
deal II	6.11.	t. 1	. / /	- 3 13
Dent the miggen topmast on dec	k for pains	ting. Aners	id baromet	in 30.23.
Sent the miggen topmast on dec	k for frains	ting Aners	arl Rohres.	Sint-
8 PM to Mednight. Weather	k for pains Signe clear and	ting. Aners	arl Rohres. Gentle breeze	Sint- from 606.
8 PM to Mednight. Weather Barometer steady. Aneroid at	ek for frains Signe clear and f end of wat	ting. Anero de St bleasant. ch 30.23. Opo	arl Rohrer. Gentle breeze	Sind- from Ect 6.
8 PM to Medright. Veather Barometer steady. Aneroid at	ek for frains Signe clear and p end of water Sign	ting. Anero de St bleasant. S ch 30.23. Opo ned L	Gentle breeze Sentle breeze Win hawse	Sint- from 600.
on top. Mustered at quarters a Sent the miggen topmast on dec 8 PM to Mednight. Okeather Barometer steady. Ameroid at	signe Signe clear and p end of water Sign	ting. Anero de St bleasant, s ch 30.23. Opo red L	arl Rohrer! Gentle breeze se in hawse!	Sint- from Et 6.
8 PM to Mednight. Weather Barometer steady. Aneroid at	signe Signe clear and p end of water Sign	ting. Anero de St bleasant, ch 30.23. Opo ned L	arl Rohrer. Gentle breeze se in hawse. P. Pees.	Sind- from Et 6.
8 PM to Mednight. Weather Parometer steady. Aneroid at	ek for frains Signe clear and p end of wat Sign	ting. Aners de St bleasant. ch 30.23. Opo ned L	arl Rohrer. Gentle breeze se in hawse. P. Pees.	Sind- from Ect 6.
8 PM to Mednight. Veather Parometer steady. Ameroid at	ek for frains Signe clear and p end of wat Sign	ting. Anero	gentle breeze se in hause	Sint- from Ect 6.
8 PM to Mednight. Okeather Parometer steady. Ameroid at	ek for frains Signe clear and p end of wate Sign	ting. Anerode de St bleasant. ch 30.23. Opo red L	gentle breeze	Lind-
8 Poll to Mednight. Okeather Barometer steady. Aneroid at	ek for frains Signe clear and f end of water Sign	ting. Anerode de St bleasant. ch 30.23. Opo ned L	Jentle breeze	Lint
8 Poll to Mednight. Okeather Parometer steady. Ameroid at	ek for pains Signe clear and p end of wat Sign	ting. Anerode de St bleasant. S ch 30. 23. Opo ned L	arl Rohrer! Gentle breeze se in hawse!	Sint- from Et 6.
8 PM to Mednight. Weather Parometer steady. Ameroid at	ek for pains Signe clear and p end of wat Sign	ting. Anerode St.	Jentle breize	Sint- from Ect 6.
8 Poll to Mednight. Veather Parometer steady. Ameroid at	ek for frains Signe clear and f end of wate Sign	ting. Anerode St. St. St. So. 23. Dro	gentle breeze	Linst
8 Poll to Mednight. Weather Parometer steady. Ameroid at	ek for frains Signe clear and f end of water Sign	ting. Anerode St. Aleasant. Seh 30.23. Opo	gentle breeze	Lint-
8 Poll to Mednight. Okeather Barometer strady. Ameroid at	ek for frains Signe clear and p end of water Sign	ting. Anerod St. Aleasant. Seh 30.23. Opo	Jentle breeze	Lint

Novul mid Examined and found to be correct.

Dec. 10° 444' 31" of.

Phase. Last Quarter

MA Park-Similary Navigator.

Longitude by Chronometer from Observations

observed at Sunset

Variation of the Compass by Amplitude

Variation of the Compass.by

LOG of the United States Steamer Essexi , 3d Rate, 6 Guns, Movred off Mozambique. East Africa.

Hour. Kn			WINDS.		BAROMET	ER.	TEMI	PERATURE	State of the	Forms of	of Clear in 10ths.	State	Pour Late
Hour. Kn	Fathoms,	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb. sur	ater by symbols.	Forms of Clouds, by symbols.	Prop of Sky, in 1	of the Sea.	Record of the sail the ver at end of watch
A. M.	2								1				
16	bb	AWEN.	A6	2	30.16	47	77	75	bo	civeum	7	8	
2		W.A.		2	30.111	78	77	711	"	"	8	,	
3			OVX6	2	30.111	78	77	74			8	"	
4				2	30.11	78	47	711			8		
5				1	30.16	78	77	74	"	"	8		
6		0,10-1	"	1	30.18	78	77	74		,	7	,,	
7	-	Wish.	. "	0-1	30.19	79	77	711	-	,	7		-
8		de	Wed.	0	30.20	79	77	711		*	9		
9	-	0 1	balm	0-1	30.20	79	77	75	,	çir	8	-	
10%	od	Oxd.	56	0-1	30.22	79	78	76		Circum	8		
11		,	,	0-1	30.22	79	79	76			8		
Noon.			"	1	30.21	80	79	76	•	"	8	1	
Di	stance r	un by Log since pro	eceding Noon							knots	fat	homs.	
Lat	titude b	y D. R. at Noon									. ,	"	
Lo	ngitude	by D. R. at Noon									,	"	
Lat	titude by	v Observations at N	loon ⊙							•		"	
Lo	ngitude	by Chronometer fro	om Forenoon Obse	ervations	0							"	
Cu	rrent du	uring the time	knots	fms. per	hour, setting	to th	e						
Va	riation o	of the Compass by .	Amplitude ⊙ obse	erved at S	Sunrise					•	,	"	
Va	riation o	of the Compass by	Azimuth O observ	ed at							,	"	
		of the Compass by a		ed at						36	,		
Wa					24 hours						o g	allons.	
Wa Wa	ater exp		during the p		24 hours						o g	allons.	
Wa Wa	ater exp ater	ended during the pr	during the p		24 hours					36	o gi	allons.	
Wa Wa Wa Co	ater exp ater ater rem al consu	ended during the property of t	during the p for use at Noon eceding 24 hours		24 hours				///	360 tons 11	60 go	allons.  " lbs.	
Wa Wa Wa Co	ater exp ater ater rem al consu	ended during the pre-	during the p for use at Noon eceding 24 hours		24 hours				/4/	360 tons 11	60 g	allons.	
Wa Wa Wa Coo Co	ater exp ater ater rem al consu	ended during the pre-	during the p for use at Noon eceding 24 hours		24 hours				141	360 tons 11	60 go 96	allons.  " lbs.	
Wa Wa Wa Coo Co	ater exp ater ater rem al consu	ended during the pre-	during the p for use at Noon eceding 24 hours			80	80	77	141	360 tons 140	60	allons.  " " Ibs. "	
Wa Wa Coo Coo	ater exp ater ater rem al consu	ended during the pre- naining on hand fit a med during the pre- ining on hand at No	during the p for use at Noon ecceding 24 hours oon	receding	30.19	1		77/26	be	360 tons 11	60 96	allons.  " " " " " "	
Wa Wa Coo Coo	ater exp ater ater rem al consu	ended during the pre- naining on hand fit is med during the pre- ining on hand at No.	during the p for use at Noon ecceding 24 hours oon	receding	30.19 30.16	80	80	77/76	Sec.	360 tons 140	60 96	allons.  " lbs.  "	
Wa Wa Co Co Co	ater exp ater ater rem al consu	ended during the pre- naining on hand fit is med during the pre- ining on hand at No.	during the p for use at Noon ecceding 24 hours oon	receding	30.19 30.16 30.11	80	79	76	Sec.	360 tons 140	60 96 8	allons.  " " " " " " " " " " " " " " " " " "	
W: W: W: Co Co P. M.  1  2  3	ater exp ater ater rem al consu	ended during the pre- naining on hand fit is med during the pre- ining on hand at No.	during the p for use at Noon ecceding 24 hours oon	receding	30.19 30.16 30.14 30.13	80	79	76	141 Sc.	360 tons 140	60 96 8 8	allons.  " " " " " " " " " " "	
W: W: W: Co Co P. M.  1 2 3 4	ater exp ater ater rem al consu	ended during the property and the property of	during the p for use at Noon ecceding 24 hours oon	receding	30.19 30.16 30.11 30.13 30.12	80 80 80	79	76	be "	360 tons 140	60 96 8 8 8	allons.  " " " " " " " " " " " " " " " " " "	
W: W: W: Co Co P. M.  1 9 3 4 6 5	ater exp ater ater rem al consu	ended during the property and the property of	during the p for use at Noon ecceding 24 hours oon	receding	30.19 30.16 30.13 30.12 30.12	80 80 80 79 79	79 79 79	76	be "	360 tons 140	60 96 8 8	allons.  " " " " " " " " " " " " " " " " " "	
W: W: W: Co Co P. M.  1 9 3 4 6 5 6 6 1 1	ater exp ater ater rem al consu	ended during the property and the property of	during the p for use at Noon ecceding 24 hours oon	receding	30.19 30.16 30.12 30.12 30.12 30.12	80 80 80 79 79 80	80 79 79 79 79 79	76	Se "	360 tons 140	60 96 96 8 8 8 8 8 8 8 7	allons.  " " " " " " " " " " " "	
W: W: W: Co Co Co P. M.  1  2  3  4  6  7	ater exp ater ater rem al consu	ended during the property and the property of	during the p for use at Noon ecceding 24 hours oon	receding	30.19 30.16 30.12 30.12 30.12 30.15 30.16	80 80 80 79 79 80	80 79 79 79 79 80	76	141 Sc.	360 tons 140	60 96 8 8 8 8 8 8	allons. "  lbs. "	
W: W: W: Co Co P. M.  1 3 4 6 7 8	ater exp ater ater rem al consu	ended during the property and the property of	during the p for use at Noon ecceding 24 hours oon	receding	30.19 30.16 30.13 30.12 30.12 30.15 30.16	80 80 80 79 79 80 81 81	79 79 79 79 79 80 80	76	141 bc	360 tons 140	60 96 98 8 8 8 8 8 8 8	allons.  " " " " " " " " " " " " " " " " " "	
W: W: W: Co Co P. M.  1	ater exp ater ater rem al consu	ended during the property and the property of	during the particle for use at Noon seeding 24 hours from the particle for use at Noon seeding 24 hours from the particle for use at Noon from	receding	30.19 30.16 30.13 30.12 30.12 30.15 30.16 30.16	80 80 80 79 79 80 81 80	79 79 79 79 79 80 80	76	be "	360 tons 140 " " Civ au " " " "	60 00 96 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	allons. "  lbs. "	
W: W: W: Co Co P. M.  1	ater exp ater ater rem al consu	ended during the property and the property of	during the particle for use at Noon seeding 24 hours from the particle for use at Noon seeding 24 hours from the particle for use at Noon from	receding	30.19 30.16 30.13 30.12 30.12 30.15 30.16	80 80 80 79 79 80 81 80 80	79 79 79 79 79 80 80	76	141 bc	360 tons 140	60 96 98 8 8 8 8 8 8 8	allons. "  lbs. "	

, 1881/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

6 mand for 11 AND blows 111 . + . + 1: 1, 1
Donnerces and to 11. AM. Clear and pleasant with light breezes from Mand Ed, At 1.35 finished swinging to the ebb with clow in hawse, Gloon posepat 2.15. Ameroid barometer 30.20
rose pat 2.15. Ameroid barometer 30. 20
Signed. I. J. D. O. Stalpine Onsign!
Ito 8. O. M. Olear and warm. Light airs from Ind and Ed to West, calm last
hour, At o. swing to the flood, Gross in the hawse, Anirord barometer 30.30.
8 A. M to Meridian. Ole as and warm. Calm and light & Egirst At a some
tered at quarters and gave divisions oral instruction bross in house, Exercised
signal class. Aneroid barometer 30.25. The term of inlistment of Frank Smith.
(Boll.) expered to, day.
hour, At 8. swing to the flood, Gross in the hourse, Aniroid barometer 30.30.  8 d. M to Meridian. Ole ar and warm. Dalm and light & Eairs. At 9.20 mustered at quarters and gave divisions oral instruction bross in hourse, Earcised signal class. Aneroid barometer 30.25. The term of enlistment of Frank Smith, Boll) expired to day.  Signed.  Signed.  R. O. Bitter. Ensign, Started fires for distilling. At 3. finished storinging to ebt. Aneroid 30.20.  Signed. Vaindoright Hellogg. Since
started lines for distilling At 3. Linished stringing to elf An ested 30 20.
Signed. Mainwright Kellogg. Siet-
Il to 8. I. M. Olear and pleasant, Gentle No briege. Pising barometer.
Wersel swring to the flood at 6.20. Blear hawse, At 1.30 mustered at quarters
Wessel swung to the flood at 6.20. Blearhawse, At 1.30 mustered at quarters and lurned in clean hammocks. Sent up miggen topmast, Aneroid 30.22.
from A 6 to 6 A6. Barometer, about steady. Distilling, Ameroid barometer 30.22
8. Old to Midnight. Clear and pleasant with light airs to light briege from A & to & A. Barometer, about steady. Distilling Ameroid barometer 30.22 patend of watch, Clear hawsel.  Signed. Ot. J. Sears, Ensign.
Signed. W. J. Sears, Ensign

Montained Examined and found to be correct.

Dec. 7° 03' 23" ch.

Phase, Last Quarter.

The Harken Lieut & Navigator.

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

LOG of the United States Steamer Essex: ; 3d Rate, 6 Guns,
Moored off Mozambiques. East Africa

				- Puore	u o	17	-vo	zas	san.	ug	ue	· Myu	Dr.	1	act	
				WINDS.					#				11			
17	Knots		Courses steered.	WINDS.			BAROME	IEE.	TEMP	ERATU	EF.	State of the Weather.	Forms of Clouds, by symbols.	of Cler in 10ths	State of the	Record of the sail the vessel is under at end of watch.
neur.	Ames	Fathoms.	Courses secred.	Direction.	Force.	oeway.	Height in inches.	Ther.	Air Dry Bulb.	Mir Wet Bulb.	Water	by symbols.	symbols.	ob ol	Sea.	at end of watch.
		V.a				Lee	IIICUCK.		Bulb.	Bulb.	surface.			Prop Sky,		
A. M												,				
	Floo	1	Edre	016			2 .					-	0.0	0	8	
	0	10	01-101	Ore	/		30.12	79	79	74		100	Cir Cum	9	0	
2	6.6	6	WOrw	-	1	-	30.10		79	74	200	"	,	9		
3				M.	1		30.09	79	75	74				9		
4			OV+dr.		1		30.09	116	75	74		"		9		
5	-		Of		,		30.12	1-1	1	= 11			-	1	-	
			Pl.	n'ı	1			10	70	7"		"		0	-	
6	-			W.	1	-	30.12	75	75	74		"	-	3		
7.	1			4	1		30.16	176	75	72		"		5		
8	133			,,	1		30.16	176	731	72				6	"	
9	Flo.	de	Exd	888	2		30.18	1-1	76	73				7	183	
	10	av.	0 -0.	950,				/	10	10		*		8	1	
10	-		-		2		30.18	180	79	70		"	-	1	-	
11	100			"	2		30.18	80	79	75				8	,	No. 1 SATES
Noon		183			2		30.18	80	79	75				8	13	
	1.								11						1	
	Distance run by Log since preceding Noon knots fathoms.															
	Latitude by D. R. at Noon															
	Longitude by D. R. at Noon															
	Latitude by Observations at Noon ⊙ • ' "															
	Longitude by Chronometer from Forenoon Observations ⊙ , "															
	Current during the time knots fms. per hour, setting to the															
	Variation of the Compass by Amplitude ⊙ observed at Sunrise • , "															
			f the Compass by A		ed at								•	,	"	
			nded during the pr	eceding 24 hours									400	g	allons.	
	Water	d	istilled	during the pr	recedin	g 24	hours						1800		"	
	Wate	r rema	aining on hand fit f										216		"	
			med during the pre									2	tons 57	0	lbs.	
	Coal	remai	ning on hand at No	oon						•		139	tons 57.	26	. "	
_												,				S. C.
P. M					1				1						1	,
-	Floo	,	9.1	212	4	-	1			,		1				
	100	do	648	686.	2	-	30.13					be	Pi Cum	8	"	
3			86.	"	2		30.12	- 80	80'	76				8	-	
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4		600			2				1000	1		"	*	1	. "	
			"	"	3000	200	30.10	1//	80	76		"		1		
5		-	"	"	2	1	30.10	79	79	75			"	17	1.	
6	100	-	Word		2	1	30.10	140	179	711	1		Gir Que	16		
7			West	016.	2		30.1	//	Van	1	,					A A
The state of the s	In	1	AW+W.	010.	1000	1000		1//	19	74	1		Cirlan	6		
	Sloo	d	JINITY,	9 "10	2		30,13	///	79	74	4			17	1 .	
9	1		6	6016	2		30.13	31-19	79	75	1		Qis	4	-	
10	13	1		1 30 100	2	100	30.12	1//	180	75	+	To the same	1	1	2	
11	1	1								1		-	-	19	-	
	1	1	-	,	2	2 (2)	30.12			73	1		"	19	1.	
Mid.	1		"	"	2	1	30.12	1 80	88	75				19	7 .	
Longitude by Chronometer from Afternoon Observations ⊙ . , , ,																
					ervatio	ons O							•	'	"	-
	Long	itade	by Chronometer fr	om Observations			*	133							"	

, 1884.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

to flood at 8. 12. Dross in hawse. Went to quarters at 90. By order of Combendering Officer gave b. F. B. Fillot. OS four extra first it atches for being out of uniform. Aheroid barometer 30. 25.  Meridian to 1. P. H. Clear and pleasant, Sight 6 & 6 breeze. At 2.00 commenced severaging to ebb. finished at 300. Blear hawse! Ameroid barometer 30. 18. Received an official visit from officer of Portugues o man of war in harbos.  Signed. P. O. Bitler. Ensign Use & P. O. Bitler. Ensign Use & P. O. Bitler. Ensign war in harbos. At 5.30 called all hands and sent down topgallant yards and masts and then sent them up again. Anisid 36. So Sink	Commences and until 4. A.M.	4. Weather, clea	vandpleasant, Se	ghtvariable
Adding to estimith clear hawse. Symmetry Ountage came in and anchords.  Sidned to Aleridian. Elearand pleasant, Sentle bruge from 68 6. Sumy to flood at 8. 10. Bross in hawse. Went to quarters at go. By or der of Combined out of survive of survive form. Aheroid barometer 3. 05. Sour extra frest datches for being out of survive of heroid barometer 3. 05.  Moridian to 1. P. H. Clear and pleasant, Sight 68 6 breeze. At 2.00 commenced severaging to 66 friesh at 300 Clear hawse, Ameroid barometer 30.18. Reclived an official visib from officer of Cortugues man of war in harbor.  It ho 8. P. M. Blear and pleasant, Sight breeze from 886. At 11.115 mustered at quarters. At 5.30 called all hands and sent down longallant yards fond masts, and then sent them up acam. Ameroid 30.30.  I P. M. Clear and pleasant, Sight breeze from 886. At 11.115 mustered at quarters. At 5.30 called all hands and sent down longallant yards fond masts, and then sent them up acam. Ameroid 30.30.  I P. M. be Shidnight, Blear and fleasant, weather, Sight breeze from 646.  Barometer steady, Distilling water. Swung to flood leido als 30. Clear hawse, Ameroid barometer 30.00.	right Barometer falling. Disti	Uling, arrived	30.19. At 1.30 comh	renced swing
Adding to estimith clear hawse. Symmetry Ountage came in and anchords.  Sidned to Aleridian. Elearand pleasant, Sentle bruge from 68 6. Sumy to flood at 8. 10. Bross in hawse. Went to quarters at go. By or der of Combined out of survive of survive form. Aheroid barometer 3. 05. Sour extra frest datches for being out of survive of heroid barometer 3. 05.  Moridian to 1. P. H. Clear and pleasant, Sight 68 6 breeze. At 2.00 commenced severaging to 66 friesh at 300 Clear hawse, Ameroid barometer 30.18. Reclived an official visib from officer of Cortugues man of war in harbor.  It ho 8. P. M. Blear and pleasant, Sight breeze from 886. At 11.115 mustered at quarters. At 5.30 called all hands and sent down longallant yards fond masts, and then sent them up acam. Ameroid 30.30.  I P. M. Clear and pleasant, Sight breeze from 886. At 11.115 mustered at quarters. At 5.30 called all hands and sent down longallant yards fond masts, and then sent them up acam. Ameroid 30.30.  I P. M. be Shidnight, Blear and fleasant, weather, Sight breeze from 646.  Barometer steady, Distilling water. Swung to flood leido als 30. Clear hawse, Ameroid barometer 30.00.	inia to ebb.			, 8
to flood at 8. 10. Bross in hawse, (Hent to quarters at 900. By order of Compranding Officer gave b. J. B. Sillot. ON four extra first watches for being out of sursiform. Aheroid barometer 30. 05.  Meridian to 11. B. M. Blear and pleasant, Sight & & breeze. At 200 convenenced severaging to ebt. finished at 300. Blear hawse, Ameroid barometer 30. 18. Actived an official visit from officer of Portuguess man of war in harbors.  It to 8. P. M. Blear and pleasant, Light breeze from 886. At 4. 115 mustered at guarters. At 5.30 called all hands and sent, down top gallant yards found masts, and then sent them up again. Auroid 30. 30.  8 P. M to Midnight. Blear and fleasant weather, Sight breeze from 686.  Barometer steady, Distilling water. Swung to flood lide at 8.30. Blear hawse, Ameroid barometer 30. 60.	nuly o	Signed,	C. aus.	Suit
to flood at 8. 10. Bross in hawse, (Hent to quarters at 900. By order of Compranding Officer gave b. J. B. Sillot. ON four extra first watches for being out of sursiform. Aheroid barometer 30. 05.  Meridian to 11. B. M. Blear and pleasant, Sight & & breeze. At 200 convenenced severaging to ebt. finished at 300. Blear hawse, Ameroid barometer 30. 18. Actived an official visit from officer of Portuguess man of war in harbors.  It to 8. P. M. Blear and pleasant, Light breeze from 886. At 4. 115 mustered at guarters. At 5.30 called all hands and sent, down top gallant yards found masts, and then sent them up again. Auroid 30. 30.  8 P. M to Midnight. Blear and fleasant weather, Sight breeze from 686.  Barometer steady, Distilling water. Swung to flood lide at 8.30. Blear hawse, Ameroid barometer 30. 60.	11 to 8. A.M. Generally clear	and pleasant i	with light airs from	Mrd. Distilling
to flood at 8. 10. Bross in hawse, (Hent to quarters at 900. By order of Compranding Officer gave b. J. B. Sillot. ON four extra first watches for being out of sursiform. Aheroid barometer 30. 05.  Meridian to 11. B. M. Blear and pleasant, Sight & & breeze. At 200 convenenced severaging to ebt. finished at 300. Blear hawse, Ameroid barometer 30. 18. Actived an official visit from officer of Portuguess man of war in harbors.  It to 8. P. M. Blear and pleasant, Light breeze from 886. At 4. 115 mustered at guarters. At 5.30 called all hands and sent, down top gallant yards found masts, and then sent them up again. Auroid 30. 30.  8 P. M to Midnight. Blear and fleasant weather, Sight breeze from 686.  Barometer steady, Distilling water. Swung to flood lide at 8.30. Blear hawse, Ameroid barometer 30. 60.	Riding to ebb with clear haws	e. Steamship	"Oristal" come in an	ed anchored.
to flood at 8. 10. Bross in hawse, (Hent to quarters at 900. By order of Compranding Officer gave b. J. B. Sillot. ON four extra first watches for being out of sursiform. Aheroid barometer 30. 05.  Meridian to 11. B. M. Blear and pleasant, Sight & & breeze. At 200 convenenced severaging to ebt. finished at 300. Blear hawse, Ameroid barometer 30. 18. Actived an official visit from officer of Portuguess man of war in harbors.  It to 8. P. M. Blear and pleasant, Light breeze from 886. At 4. 115 mustered at guarters. At 5.30 called all hands and sent, down top gallant yards found masts, and then sent them up again. Auroid 30. 30.  8 P. M to Midnight. Blear and fleasant weather, Sight breeze from 686.  Barometer steady, Distilling water. Swung to flood lide at 8.30. Blear hawse, Ameroid barometer 30. 60.	Cuming	Signed.	A. J. I. Stalhine	Ensian
manding Officer gave b. & B. Gillot. Of four extra first watches for being out of suriform. Theroid barometer 3. 25.  Meridian to 1. P. M. Blear and pleasant, Sight & S. & freeze. At 2.00 commenced suriging to tot, finished at 3.00. Clear hause! Amerid barometer 30.18. Reclived an official visit from officer of Portuguess man of war in harbos  14 to 8. P. M. Blear and pleasant, Light breeze from OSE. At 1. 115 mustered at quarters. At 5.30 called all hands, and sent down lopgallant yards found masts and then sent them up again. Ancied 3. So.  8 P. M. blidnight, Blear and klear and propagain. Ancied 3. So.  8 P. M. b. Midnight, Blear and klear and weather. Sight brieze from Ext.  Barometer steady, Distilling water. Sunng to flood lide at 3.50. Clear hawse, Ameroid barometer 30. Co.  Signed, Karl Rohrer. Sine.	& All to Meridian, Clear, an	dpleasant, e	Gentle bruge from	ESE. Storme
Manding Officer gave b. G. G. Gillot. OS four extra first batches for being out of suriform. Theroid barometer 30.05.  Miredian to 1. P. K. Blear and pleasant, Sight & & breeze. At 200 commenced sevenging to ebt, finished at 300. Blear hause, Ameroid barometer 30.18. Acceived an official visit from officer of Portuguess man of war in harbor.  11 to 8. P. M. Blear and pleasant, Sight breeze from 886. At 11.118 mustered at quarters. At 5.30 called all hands and sent down topgallant yards fand maste, and then sent them up again. Anesoid 30.50.  8 P. M. to Midnight, Blear and fleasant weather, Sight brieze from 616.  Barometer steady Distilling water. Swung to flood ledo at 8.30. Clear hawse, Ameroid barometer 30.60.	t. Und at 8 10 Crossin hours	el Word to an	carters of olgo Burro	texal looms
Meredian to 1. O. A. Olear and pleasant, Sight 686 freeze. At 2.00 commenced severaging to to b. finished at 3.00. Blear hawse! Ameroid bar ometer 30.18. Peclived an official visit from officer of Portugues o man of war in harbos.  Signed. P. O. Bitler. Ensign Use 8. O. Bitler. Ensign Use 8. O. M. Blear and pleasant. Sight breeze from 886. At 11.115/mustived at quarters. At 5.30 called all hands and sent down topgallant of array and preasts and then sent them up, again. Ameroid 30.30.  8 P. M to Midnight, Blear and pleasant weather, Sight breeze from 646. Barometer steady. Distilling water. Swang to flood tide at 8.30. Blear hawse, Ameroid barometer 30.60.	Landing Officer gave b. F.	& Fillot Ost Lo	ur extra first watch	& forbeina
Meredian to 1. O. A. Olear and pleasant, Sight 686 freeze. At 2.00 commenced severaging to to b. finished at 3.00. Blear hawse! Ameroid bar ometer 30.18. Peclived an official visit from officer of Portugues o man of war in harbos.  Signed. P. O. Bitler. Ensign Use 8. O. Bitler. Ensign Use 8. O. M. Blear and pleasant. Sight breeze from 886. At 11.115/mustived at quarters. At 5.30 called all hands and sent down topgallant of array and preasts and then sent them up, again. Ameroid 30.30.  8 P. M to Midnight, Blear and pleasant weather, Sight breeze from 646. Barometer steady. Distilling water. Swang to flood tide at 8.30. Blear hawse, Ameroid barometer 30.60.	out of unitorin Theroid baron	neter 31.05.		1
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commenced severiging to lot, finished at 3.00. Char hawse, Ameroid bar oneter 30.18. Received an official visit from officer of Portuguess man of war in harbors  Signed. P. O. Bitler. Ensign 4 the 8. O. M. Chear and pleasant, Sight breeze from OSE. At 4. 45 mustived at quarters. At 5.30 called all hands and sent down topgallant yards fond masts and then sent them up again. Ameroid 30.30.  8 P. M. to Midnight, Olear and pleasant weather, Sight brieze from Et. Baron eter steady. Distilling water. Swang to flood lide at 8.30. Clear hawse, Ameroid baroneter 30.00.	Meridian to 11 P. M. Char	and bleasan	t Sinht 686 love	00. At 2.00
Lived at quarters. At 5.30 called all hands and sent down topgallant yards and masts and then sent them up again. Ameroid 35.30.  Signed Warmwright Stellogg, Sint Barometer steady. Distilling water. Swang to flood tide at 8.30. Clear hawse, Ameroid barometer 30.60.  Signed, Warning to flood tide at 8.30. Colear hawse, Ameroid barometer 30.60.  Signed, Sand Rohrer. Simile	conserved severaging to the	It limished at	3 no Chear house!	Anervid bar-
Lived at quarters. At 5.30 called all hands and sent down topgallant yards and masts and then sent them up again. Ameroid 35.30.  Signed Warmwright Stellogg, Sint Barometer steady. Distilling water. Swang to flood tide at 8.30. Clear hawse, Ameroid barometer 30.60.  Signed, Warning to flood tide at 8.30. Colear hawse, Ameroid barometer 30.60.  Signed, Sand Rohrer. Simile	one ten 30 18 Prolived and of	Heial viset-low	Wolliew of Portugue	su man of
Lived at quarters. At 5.30 called all hands and sent down topgallant yards and masts and then sent them up again. Ameroid 35.30.  Signed Warmwright Stellogg, Sint Barometer steady. Distilling water. Swang to flood tide at 8.30. Clear hawse, Ameroid barometer 30.60.  Signed, Warning to flood tide at 8.30. Colear hawse, Ameroid barometer 30.60.  Signed, Sand Rohrer. Simile	waning harbord		of the state of th	ac (manning)
Lived at quarters. At 5.30 called all hands and sent down topgallant yards and masts and then sent them up again. Ameroid 35.30.  Signed Warmwright Stellogg, Sint Barometer steady. Distilling water. Swang to flood tide at 8.30. Clear hawse, Ameroid barometer 30.60.  Signed, Warning to flood tide at 8.30. Colear hawse, Ameroid barometer 30.60.  Signed, Sand Rohrer. Simile	power war of	Signed.	RO Bitter	Ensign
Barometer steady, Distilling water. Swing to flood tide at 8.30. Clear hawse, Ameroid barometer 30.00.  Signed, Karl Robers. Since	11 to & PM Chargened ble	asant Sight	breeze Some ESE	U-11 115 march
Barometer steady, Distilling water. Swing to flood tide at 8.30. Clear hawse, Ameroid barometer 30.00.  Signed, Karl Robers. Since	lind of an artist (At 530 ca	Uld all Bandy	and sent down tota	and and-
Barometer steady, Distilling water. Swing to flood tide at 8.30. Clear hawse, Ameroid barometer 30.00.  Signed, Karl Robers. Since	mandis and accepted and them	cent thomas up	against Answird 3 4	questions
Barometer steady, Distilling water. Swing to flood tide at 8.30. Clear hawse, Ameroid barometer 30.00.  Signed, Karl Robers. Since	James Junia privates juvia riceno	Sim Signing	Manuscript Nelland	a Sint
hawse, Anervid barometer 30. Co. Signed, Karl Robrer. Sime	8 PM to Midaiste Me	Sugnea.	twenthey Sight Hol	as lem & ME
hawse, Anervid barometer 30. Co. Signed, Karl Robrer. Sind	Barrent to the Distill	ana peraran	weterly sugar or a	3. bleast
Signed, Ral Rohres. Simb				So. Science
Signia, Svan Chomin, Suuts	muse, America varome en 30.	do.	HIP.	1.
		Dignia,	Diane Chomes.	Luis
	s. c. inch			

Moonel, mid Examined and found to be correct.

Dec 3° 5' 21" of.

Phase, Last Quarter,

Will Park \_\_\_\_\_ Licit & Navigator.

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

LOG of the United States Steamer Essex, 3d Rate, 6 Guns, Moored off Mozambique. East Africa.

			yworra,	98		roge	em	ve	gi	ce.	Zus	J	···	u	
			WINDS.			BAROME	TER.	TEMPERATURE.			0	Power	Hear other	State	
Hour. Kno	Fathoms.	Courses steered.	Direction.	Force.	Leervay.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is unde at end of watch.
A. M.		9									1				
10%	ood.	6	6d6	2		30.09	80	79	75		be	Cir Cum	8	8	
2 6	bb	"		2	-	30.08	80	79	75		"	"	8	"	
3		de		2		30.07	79	78	75		"		7	"	
4		01 101	101	2		30.09	79	78	75		4	"	6	"	
5		Work.	ON.	/		30.10	78	78	75		*	,	8		
6		-	Dalm	0		30.12	78	77	73		"	"	8 8	"	
7		Wxd.	"	0		30.15	78	77	70		"	"	8	"	A GOOD STATE OF
8 7	10.	W~01.	de	31		30.18	18.	77	70		*	-	6	"	
	lood	OI.	CARG	1		30.18	79	77	74		"	-	7	"	
10		6	8	1		30.16	79	78	74		"	-	8	1	
11 V			-	1		30.14	10000	80	76		,	1	8	-	
Noon.			-	1		10.14	-01	00	10		"			"	
Dis	tance Pr	in by Log since pre	eceding Noon									knots	fatl	noms.	
		D. R. at Noon	zioni										,	"	
		by D. R. at Noon											,	,,	
		Observations at N	loon ⊙											"	
		by Chronometer from		ervation	ıs O							4.		"	
		ring the time	knots			our, setting	to th	ie							
		of the Compass by											,	"	
		of the Compass by					•						,	"	
		ended during the pr										30	70 gs	llons.	
Wa	iter 1	distilled	during the p	recedin	g 24	hours						114		"	
		aining on hand fit	for use at Noon									310	0	"	1
Cos	al consu	med during the pre	eceding 24 hours								1	tons 8	60	lbs.	
Cos	al remai	ning on hand at No	oon								138	" H	156	"	135 25 25 25
					_		1	_	-					-	
P. M.	,	2			-						,				
1 della		600	CA 6	3	-	80.12		_	76		be	Circum	2 7	"	
3 6	4	dr.	9 10	3		30.10			76		,	"	17	,	
3		AN	6.016	5	1	30.08		1000	76		,		7	,	
4				5	-	30.06		1	76		"	-	7	-	
5			"	11-6		30.06		81	76		"		6	1	
6		101 01		3.4	4	30.06	1//	79	73				5		
7	1	NIX V.	NE	3		30.06	1//	79	73				5	-	
8	-	111	4.5 0	3	-	30.09	1//	79	75				6		
9	1	dr 6 x 6.	NEXE	3	-	30.10	//	79	70	1			7	"	
10/100	od	0	8 dr 6	3	1	30.10	11	78	76				7		
11				3	-	30.10	79	78	76	,			8	1	
Mid.	-	"	"	3	-	30.10	79	78	76	,	"		8	"	
			-		1				-				-	-	
Lo	ngitude	by Chronometer fr	rom Afternoon Obs	servatio	ons ©	)						•		"	-
Lo	ngitude	by Chronometer fr	rom Observations			*						•		"	
															The second secon

, 18811.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 4	AMI lo	harrand b	leasantin	The lialt	breeze bonn
Commence baronstell	Heave	Les Al-	no thehed	Littling to	My led
6. A. E. Galling barometer. fire, At 1. 20 commences	Sieury.	in the	so prospery	aissening	, marie
fires. At 1. 200 commences	swings	ing to the	ebb and ge	nismaya	£1.00.
Amerord 30. 18 at end of wa	ilch. Du	an hause	1 010 0	,	9.
Ameroid 30. 18 at end of wa	2	Signed.	M. J. De	ears.	Ousegn.
11 to 8. A. O.B. Weather cle	ar and p	Masant.	Sight vari	able airs a	ned dalms
Carometer rising Ab 5.00	unbents	ail. Sent;	down ma	untopga	llantejard
for repairs at 500 and er	rossed it	at 7.15, A.	neroid at	end of wa	etch 30.23.
mand white at 8 00 with	Portug	wellas	1- thom	aintin he	months the
Drissen will the Ouren at	1 Posto	and of	ac major	wro pro	The state of
Dressed ship at 8.00 with birthday of the Duen of	Corney	8.	h PP		9 4
-111-11 1. 6	1 / ×	regnia,	10. 0. de	w. , 1 1.	1
8 All to Meridian. Ol	var war	Myandy	leasant,	withlig	heaves.
and slowly falling bas	romeler.	At-9.30 +	reld, quar	Ters. Rece	wed in
Pay Dept 1-12/2 lb of fr	ish buf	and veg	etablesar	rd 138 lbs	of fresh
bread; in Construction	in four	gallondo	Joel. And	roid baro	Inter30.20.
English hongul haid an	ollicial	Visit-on &	oard. Ru	diria to fl	lood at
and of watch without	Mhows	1/	· ·	10	
Miridian to 14 P.M. Ol	n warra	Sind	MILT	Malino	Caridan!
11 - 1 - 1 10 11 0	, ,	signew.	11/1 /	sympacine.	ME .
Meridian to 14 J.M. Oll	easant p	walker,	Moderale	bruge fr	om 10.
hauling to 600 6 and of	rishener	ng. Slace	ke water a	t 1.00; su	vung lo
the ebbfat 2.00. Gaintin	a spars.	Aneroud	baromel	er/30.18.	
the eb Hat 2.00. Paintin	11	Signed	M.M.	Trivin.	Simb
Hos ( Mell dairiand by	Lagrant.	with one	The to still	brusads	Jon 0016.
to MB A said brances	1 30 11	1 Potation	a chandle	hand a least	and wine
to N. E. Anervid barons	cler con 14	. Games	uf space,	Congruen	ceasiony-
s P. Al to Midnight, be Slight pice in baromet		1.	DRA	0.1	6
	1	Digned.	Ch. C. Ce.	eller.	Onsign
8 J. M. to Midnight, Or	ear and	Alleasan	to, Gentle	601000	eigh.
Slight rise in baromet	er. Merse	I swung	to the floor	d at 8.30	. Welear
hawsel Anivoid baron	meter 30.	16, Firhol	try & Clari	k(OS) au	d Chal
J. B. Fillot (OS) stood for	in hours	vextra de	till.	,	0
	05 700 00 00	Simmen	6 01 y J	Hamuru	Queian.
hævse, Annoid baror J. B. Fillot (OS) slood for		region			1
			-		
Moonlanis					
Mountaid Examined and found to be correct.					
Phase, Last Quarter.				my	0 1
ast Quarter.				·	Navigator.
				Luck	Navigator.

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

LOG of the United States Steamer Essea , 3d Rate, 6 Guns,
Moored off Mozambique, East Africa.

Moorea off Mozambique, Cast Africa.															
				WINDS.			BAROME	TER.	TEM	PERATURE.			en.		
Hour.	Knots	Pathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb. Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Cl Sky, in 100	State of the Sea.	Record of the sail the ressel is under at end of watch.
A. M											,				
1	Flo	ad	8d18	016	3		80.09	79	79	75	be	Cis	9	8	
	El		Wx.N.	"	3		30.09	79	79	75	"	air como	0	-	Maria Maria
3			"		3		30.09	79	79	75		.,	8	*	
4				,	3		30.08	79	79	75		4	8	-	
5					2		30.08	79	78	74	1		8		
6			"	North	2		30.08	78	78	74		-	7		
7			Wash	"	2		30.10	78	78	74		,	7		
8			"	.,	2		30.13	18	78	711			6		
9	Flo	od		Calm	0		30.111	79	79	74		-	8		
10			Ot+94.	6016	3		30.16	79	79	75			8		A STATE OF THE PARTY OF THE PAR
11			Ex.A.	"	11		30.16	80	79	74	-		8		
Noor	1.		"		4		30.16	80	80	74	-	-	8		
_	1	_				_			1					_	
	Dista	ince ru	n by Log since pred	ceding Noon								knots	fatl	homs.	S. B. S. S. S.
	Distance run by Log since preceding Noon knots fathoms.  Latitude by D. R. at Noon " "														
	Longitude by D. R. at Noon														
	Latit	ude by	Observations at No	oon O										"	
	Long	itude l	by Chronometer from	m Forenoon Obser	rvation	ıs O							,	"	
	Curr	ent du	ring the time	knots	fms. p	er ho	ur, setting	g to th	e						
	Varia	ation o	f the Compass by A	Amplitude ⊙ obser	rved at	t Sun	rise							"	
	Varia	stion o	f the Compass by A	zimuth O observe	ed at									"	
	Wate	er expe	nded during the pro	eceding 24 hours								300	gi	allons.	
	Wate	r		during the pr	ecedin	g 24	hours							"	
	Wate	er rem	aining on hand fit fo	or use at Noon								2800	0	ec .	
	Coal	consu	ned during the prec	eding 24 hours								tons 11	aio	lbs.	
	Coal	remai	ning on hand at No	on							138	a 6	6	- 44	
_															
P. M	L	100													
1,	Flo	od	d+8	de	5	1	30.09	80	79	74	be	civeus	m 8	-	
9	1	1.		,	5	1	30.09	1	11	74	,	"	8	3 300	
3	El	&	N.	,	6		3005			76	,		8	-	
4			,,		6		30.02	1000					8	-	
5	12		Worth		6		30.02	-				1	4		
6	1			,	5	1	30.00	10000					1		
7					5		30.01			/	-		1		
8			"		5		3000			1/			1		
9	Flo	od	NA6	Adre	5		30.00			45		-	17		
10			6NE	616	3		3008		11	74			8	"	
11			"	"	3		30.09	4	11	45			8	1	
Mid			,,	"	3		30.08	1	79	75			9	, "	
	1					1	1		11	1			1	1	
	Long	ritude	by Chronometer fro	om Afternoon Obse	ervatio	ns O							,	"	
			by Chronometer fro				*						,		-
														1	

under the command of Commander A. A. M. Cormick , U. S. Navy, Griday October 17th , 1881.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and un	til 11 AM.	blear and	hleasan	tweather.	Gentle
Lucy hom NE. Gar	ometer stead	y. Swume	a to ebb as	-1.30. Ane	roid
bruge from N. E. Gar borometers 30, 15. Clu	arhawsel.				1
Nw. J.	Sign	ud.	Starl Ros	wer Si	unt-
1 to 8 AM. Olear, a	and bledlear	it with lin	let loverse	how Nor	the und
NE Piling basines	eteri Classon	1.30 nn Bl	Itide (b)	Mhamal	
	Ol Sig	ned.	Or. J. Sears.	6	rsign
8 A. Al to Meridian	Weather oli	ar and fel	edsant. &	ight log.	estite
bruse from 6010.	Sawmeler &	Mady. Oh	lustered at	Janarers	palg =
Captain brocker of	The Americ	an barque	e Sarah A	boart, car	me on
board at a. 30 to gir	re testimony	goncum	ing the seig	use of proj	berty
Meridian to 1. P. M.	authorities	1. Anerou	datend of	watch 30.	20.
	1 be Dig	med,	D. J. Ru	e. 11 a	sunt-
Meridian to 1. J.M.	. Olear dr	d pleasa.	nt with fr	ish breize	strom
Adjand Ed, Sinte					
veyon American bo					
ficial visit on shore,	Garometer-	falling.	at 2, 20 comm	nenced Rive	nging
to the ebb with clear	hawse, And	rold varon	1 1 1 Soll	11.6	
4 to 8. P.M. Pleas	Our Our	gnia	1. J. S. O. Str	Me B	isign
that o. C.M. Treas	ant wealny	- Wisho	reize from	or a sparo	nacces
steady. West to que	wers at F. Ho	, wieder ma	A Mi James	vica-vum.	1:10
8 PM to Midain	It Weather	alian an	de la le as an	1- Still	TIPO.
home NAS I.	hour author	have file	my ENE	remaind	Not
watch Advanced	ter milarly	in all the	man inch	l'orvisiais	into
flood at 8 20 line	ished at al	5 Amero	id 30.15.	and the same of th	1
Je segue o es forma	correct just 9.1	Sinned D	Vainevriahe	Kelloga.	Secut
from NN 8. first		1	1	19	
	,				
					202
		1			NAME OF THE OWNER, OWNE

Moon Smid Examined and found to be correct.

Dec. 14° 5 11' 16" S.

Phase Last Quarters

Lewis & Navigator.

LOG of the United States Steamer Esset , 32 Rate, 6 Guns, Moored off Mozambique. East Africal.

- Marie	-	-		0	0	300	1	700	1	-	3000		0			The second secon
	WINDS. BAROMETER, TEMPERATURE.					lear bs.										
Hour.	Knots.	m8,	Courses steered.	7 At 23		eway.	Walaht in	Thom	Air	Air .	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
		Fathoms		Direction.	Force.	Leervi	Height in inches.	att'd.	Air Dry Bulb.	Met Bulb.	at surface.	by symbols.	symbols.	Prop Sky,	cea.	
-																
A. M.			£ 10	-4.6			1		.6	-		1			1	
0	loo	16	6 · N.	No	2		30.07	79	78	70		00	Cir cum	7	0	
2			8 Ot		3		30.05	78	78	75		"	,	8	,	
3			W.	,	3		30.05	78	77	74		*	"	8	,	
4			Wash	,	3		30.05	78	77	74		,		6		
56	26	X	WASH		2		30.07	78	77	74				6	,	
6					2		30.09	78	27	211		,,		5		
7					1		30. 11	-8	20	25				5		
			,	•			30.12	10	11	1		"		4	*	
8			,	•	0-1			79	78	70		•		1,	*	
9			6	,	0-1		30.11	78	78	70		"	-	6		
100	100	d	6.		1		30.15	79	79	75				7	"	
11			,		1		30.18	80	801	75		,		7		
Noon			"		1		30.12	81	811	75		,		8		
	D' .			11 37												
			an by Log since pre	ceding Noon									knots	fat	noms.	
	Latit	ude b	y D. R. at Noon										•	'	"	
	Long	itude	by D. R. at Noon										•	,	"	
	Latitu	ide by	Observations at N	oon O											"	
	Long	itude	by Chronometer fro	m Forenoon Obser	rvation	s 0								,	"	
			ring the time				ur, setting	to th	10							
			of the Compass by					,						,	,,	
						Sun	rise		360							
			of the Compass by A		ed at								" "	-	"	
	Wate	rexp	ended during the pr	eceding 24 hours									300	gr	allons.	
	Wate	r		during the pr	ecedin	g 24	hours								"	
	Wate	er rem	aining on hand fit f	or use at Noon									200	0	"	
	Coal	consu	med during the pre-	ceding 24 hours									tons 4	100	lbs.	
			ining on hand at No									137		606		
	001		and at 110									10/				
D. W	T	1							1.				T			
P. M.			8 1	10	-							1		1		
10	loo	do	EXA	A.E.	/	-	30.10			711	1	60	Liv Cum			
9			"	,	3		30.09	181	81	74		,		8		
3	06	f.	NEXA.	,	1		20.01	181	81.	75		1	"	8	,	
4			W	,	11		30.03			75				9		
5			WAR		11		30.00		1	25	-	"		8	. *	
				,	5			1//	//	/	-	"	"			
6			"	"			30.00	1	19	73		"		8		1
7			"	"	5		30.00	1	78	75		,	"	8	"	
8		-	,		5		30.00	79	78	75		"		8		
9		1	"		3-1	4	30.00	79	78	173	1	,		8	-	
100	Flor	od	NE	,	3		30.00	79	178	176				1	,	
11			6	6	3		30.07	70	1 28	Inne			Pir	19		
	1				3		/	17	100	11	100	"	Les	17	2	The same of the sa
Mid.	1		"	"	-		30.07	179	1	78	1	"	"	19	"	
						-				1	-				-	
	Long	itude	by Chronometer fro	om Afternoon Obse	ervatio	ns ©								,	"	
	Long	itude	by Chronometer fro	om Observations			*							,	"	
			of the Compass by		erved	at Q.	inset							,	"	
	100000	-	on compass by	- Distriction of the contract	or veu	ar 101	11001				-		-	-	-	THE RESERVE TO SERVE THE PARTY OF THE PARTY

Commander A. S. M. Connick , U. S. Navy, under the command of Saturday, October 18th , 1884. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Dommences, and until it AM blear and pleasant, Sight to gentle AB breeze, Slight fall in barometer, Vissel swung to the ebb at 0.30. blear hawse Adervid 36.12. Alerend 32 12.

Signed. It Is Amount, Eusign Ho I A She Clear have. Survey Signed. It Is I All Cohrest Sind Pleasant webster, sight bruge from I.C. Garonester rising. Est lide Clear have. Survey baronester 3.0.0. Karl Pohrer Sind, Soft Meridian. Alearand pleasant with calms to light pure from IC. Jalling baronester, St. 5.35 commenced swinging to flood. Al. 9.30 puresteredat quarters. Bleavhave. Ancroed 30.19.

Signed. If Sears! Ensign Meridian to It. P.S. Oleather clear and pleasant, Switte to produce bruge from IC. Garonester falling. Amerida pet end of watch 30.10. Guest Sinct to 8. P.S. Olear, and pleasant. Att I us had evening quarters, Attack of watch redung across wind, and tide with glear have. Eneroid bar. 30.11.

Signed. If Is Hatpine. Consign of Power Island Consign.

8 P.M. to Shidnight. Olear, and pleasant with gentle be produced by from IC. and East, Alig. commenced swinging to flood. finished at 10.18.

Annoted baronester 30.18. Olear hawsel.

Signed. Ol. Gitter. Eusign. Moon and Examined and found to be correct.

Dec 8.34 34" S.

Phase Last Duarter.

12 Hank

Little & Navigator

Longitude by Chronometer from Afternoon Observations ⊙

observed at Sunset

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude of

Commander A. A. M. Connick under the command of , U. S. Navy, Sunday 19. October , 1881. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 1. AM. Clear and pleasant, Sight airs from East At 2. swing to flood, Ameroid 30. 12. Signed Wainwright Kellogg, Suit 4 to 8 A. Al. Party cloudy, Warrh and pleasant, Sight valiable bruse. Rising barometer. Ebb fide, bross in house, Frenchbrig left the harbor. Ourspied ship out, Ameroid barometer 30.24.

8 A. Al to Meridian, Clear, and pleasant weather Gentle breefe from N.E. Garometer rising At 9.30 Captain inspected ship and crew at quarters, English mail steamer left the harbor bound North. Riding to flood with elbow in hawse, Ameroid bar, 30.22. Meridian to 11. P. W. Clear and pleasant with gentle to moderate bruge from N.E. Galling baronieter. Att. 00 cleaned house, At 3.00 slackwater. At 3.15 commenced swinging to ebb, bross inhawse. Anervid 30. 16. 14 to 8. O.M. Weather clear and pleasant, Gentle bruge from INE. Garometer steady Riding to elbtide brossin howse, Ameroid at end of watoh 30.18. 8 P. M. to Midnight, Clear, and pleasant, Moderate bruse from NE. Parometer rising Swang to the flood, al-q.30. Elbowing the hawse, Ameroid baronneter 30/18. Signed, M. M. Trivin. Semb-Moonland Examined and found to be correct.

Phase. New moon

Variation of the Compass by Amplitude observed at Sunset

under the command of Commander A. H. Mi Comick , U. S. Navy, Monday. October Doth , 18811. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and justil H. A.M. Char and pleasant, with light bruge from & E and North; At D. 10 commenced swinging to ebb, finished at 3.00 loves in hawse, Ameroid barometer 30.18.

Ligned, R. O. Bitter, Ensign Signed, R. O. Bitter, Ebb lide.

Surroid barometer 30.25. 8 A. Al to Meridian, Clear and warm, Light to gentle Mo, bruge. Slight rise in barometer. At 9.30 inspected lat quarters and immediately after exercised battalion. John Fitzgerald. (BM.) and James Williams, (Jof D.) reported expiration of terms of enlister ent Versel sweing tolle flood at 10.30, Elbow and cross in hawse, arevid bar-Signed. M. S. Harmum. Ensign. Muidian to H C. M. Olear and pleasant, Gentle to moderate breeze from N. C. Garometer steady, Black water at 3.00. Cleared hawle, Ancroid barometer 30.19. Signed, Starl Robert Sunt A 6. Salling barometer, At H. commenced swinging to est, Steamer Florence got underway and left for the South. Ameroid 30, 18 at end of watch, Cross in howsels 8 P. Al to Midnight, Olear and pleasant with light bruges from Ad and Ed, At 16, 20 finished swinging to flood with albowing hawse. Signed, A. J. S. Halpino. Ensign Moonlinid. Examined and found to be correct.

Place 14° 61' 16" S.

Phase, New moon.

The Mark

Seicel & Navigator.

LOG of the United States Steamer Esser ; 3d Rate, 6 Guns, Moored off Mozambique East Africa

					1		y					1				
				winds.			BAROME	TER.	TEM	PERAT	URE.	See Sele	Farme of	Bear ths.	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is und at end of watch.
A. M			ő	N.E	2		30.111	1-19	80	76		be	air	9	8	
1 2	You	d		,,	2		30.14	1/1	3200	76		"	"	9	4	
3			,	,	2		30.14	1000	801	76		,	Cercun	8	,	
4			8. S. W.	"	2		30.12	80	88	76		.,,		8	"	
5			,	"	2		30.12	80	79	75		,	,	6	,	THE REAL PROPERTY.
6			"	,	2		30.12	80	79	73		"	,	5	,	
7	Est	X	Mxd.	d.	1		30.14	180	79	73		,		6	,	
8			1.	",	1		30.18	80	79	75		"	"	6	"	
9			"	balm	0		30.18	80	79	76		"	"	6	-	
10		100	W	"	1		30.18	80	80	77		"	,	7	,	
11			8 x 24	86	1		30.19	80	86	77		"	"	8	,	
Noor	1.		"	,	1		30.19	82	83	77		"	,	8	"	
		-				1	1 /			//						
	Dista	nce r	un by Log since pre	eceding Noon									knots	fatl	ioms.	
	Latitu	nde b	y D. R. at Noon										0	,	"	
	Long	itude	by D. R. at Noon											,	"	
	Latitu	ide b	y Observations at N	ioon O									•		"	

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon	•	, ,
Longitude by D. R. at Noon		, "
Latitude by Observations at Noon ⊙	•	. "
Longitude by Chronometer from Forenoon Observations ⊙	•	, ,,
Current during the time knots fms. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	•	, "
Variation of the Compass by Azimuth ⊙ observed at	0	, "
Water expended during the preceding 24 hours	300	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	1/10	0 "
Coal consumed during the preceding 24 hours	tons 8	oo lbs.
Coal remaining on hand at Noon	136 " 214	16 "

P. M.											
1 8%	ed Exs	686	1	30.15	82	82	77	bo	Cir Cum	7	"
3	6	8x8	1	30.11	83	83	77	,	"	4	"
3	686	6.	1	30.10	83	83	77	"	,,	8	
4	88%	686	1	30.07					,	8	
5 66	f W	"	2	30.09		200000		"	,	8	"
6	, ,,	"	2	30.09		1000000	/	,	,	6	
7	*	,	1	30.11		100000		,		9	
8			3	30.11	82	82	78	,,		9	,
9	"	,	1	THE RESERVE OF THE PARTY OF THE	Section 1971	81		"	Cir	9	-
10	648	,	1	30.12	81	81'	75	-	"	9	"
11 Flo	od "	,	1	30.111	81	81	75	,	Gircum	9	11
Mid.	,	,	1	30.111	81	81	75		,	9	

Longitude by Chronometer from Afternoon Observations ⊙ Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by at

under the command of Commander A. St. M. Commick, U. S. Navy,

Tuesday October 21st, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dommences and until It Adh Elean and pleasant, Gentlebruge from A. E. Commenced to evinate the whole 320. Sot, around at 2.10.

Elboy and pross in hause, Android barometer 30. 28.

It to 5. A. Al. Pleasant, weather, Sight bruge from A. E. fret two hours.

Then light northerly, and, Engaged in breaking out hold and fay masther Store words. Elbourald Pross in hause Christis and fay masther Store words. Elbourald Pross in hause Christis. Ensign 8. A. Al to Steridian, Bleas and hot, Sight airs from S. E. B. g. 28 mustand at generalist, Slack water at 10.36, and at 11.80 femished awinging to flood, Ameroid 30.22.

Alendan to 4 O. Al, Blear and warm, Sight teasthey bruge, fall-wing barometer, Blood tide, Bleared hawse, Instituted Oppenties Alendant broad barometer 30.14.

Hot, O. Al, Clear, and pleasant weather, Sight to gent broad Ameroid So. 14.

Hot, O. Al, Clear, and pleasant weather, Sight to gent broad of the broad from the sound former. Sugar Sunt Some of the Midwight, Blear and bleasant with closery. Sunt Sound former. Sunt former So. 14.

8. O. Oh to Midmight, Blear and pleasant with clowly pising barometer, and light airs from Sayand Ca. At 15.50 finished subruging to flood with lelbow in hawse.

Signed, O. J. S. Halpine. Ensign

Hoon laid Examined and found to be correct. Phase New moon.

Tr. My Park Navigator.

Variation of the Compass by

LOG of the United States Steamer Esser", 32 Rate, 6 Guns, Moored off Mozambique. East Africa.

our. Knot	Fathoms.	Courses steered.	WINDS.  Direction.	Force.	BAROMET Height in inches.		Air	Air Wate at Bulb. surface		Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sen.	Record of the sa
	Fa				3		Bulb.	Bulb. surface			F 28		
M. 1 7/	lood	Bud	888	,	30.11	80	7.	-1	6	cir cum	4	8	
2	ood	020,	O.E. K	1	30.11	80	70	45	-0-6	ew cum	8	-	
3		886	S.	1	30.10	80	70	75		,	8	"	
4		4	,	1	30.10	80	79	75	,	,	5		
5 6	Eff	8.8.24.	,	1	30.11	88	79	75			6	,	
6			,	1	30.11	80	79	75	,	Cir auni	4	,	
7		"	821	1	30.111	801	79	75	7		11	"	
8		Or SH	,	1	30.111	81	79	77	"		4	,	7.50
9		01	"	1	30.111		79	77	"	"	H	"	
0 ~		M.	S.	2	30.14		79	77	"	Civeun	00	"	
10/1	ood	, ,,	86.	2	30.16	80	80	77	"	"	6	"	
oon.		*	-	23	30.16	83	82	77	"		6	"	
		an by Log since pre	eceding Noon							knots		homs.	1
		y D. R. at Noon								•	-	"	
		by D. R. at Noon								•	,	"	
		y Observations at N										"	
Lon	ngitude	by Chronometer fro	om Forenoon Obse	ervations	0					•	-	"	
	TO THE REAL PROPERTY.												
		aring the time	knots	2070000	hour, setting	to the	e						
Var	riation o	of the Compass by	Amplitude ⊙ obse	erved at S		to the	В			•	•	,,	
Var Var	riation o	of the Compass by	Amplitude ⊙ observ	erved at S		to the	8			•	,	"	
Var Var Wa	riation o	of the Compass by	Amplitude ⊙ observations observations 24 hours	erved at S	unrise	to the	e				,	" allons.	
Var Var Wa	riation of	of the Compass by an ended during the productible do	Amplitude ⊙ observations observations 24 hours during the p	erved at S	unrise	to the	e			300 H	g	allons.	
Var Var Wa Wa	riation of ater exp	of the Compass by an ended during the production of the distilled maining on hand fit	Amplitude ⊙ observations observations and the part of	erved at S	unrise	to the	e			300 110 12	, gi	allons.	
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Var Var Wa Wa Cos	riation of riation of ater explanater explanater remail consultations.	of the Compass by an ended during the production of the Compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the compass by a condended during the production of the condended during the condended duri	Amplitude ⊙ observations observations and the property of the	erved at S	Sunrise 24 hours			76	186	300 12 12 tons 20	g 90 00 00 46	allons. " lbs. "	
Var Var Wa Wa Wa Cos Cos	riation of riation of ater explanater explanater remail consultations.	of the Compass by an ended during the production on hand fit at the production of the Compass by a production of the Com	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S	Sunrise 24 hours	83	8,	76	186	300 110 12 tons 20	g 90 00 00 46	allons. " lbs. "	
Var Var Wa Wa Wa Coa Coa  M. 1 88	riation of riation of ater explanater explanater remail consultations.	of the Compass by an ended during the production on hand fit at the production of the Compass by a production of the Com	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S	30,111 30,12	83	8,	76 76	186	300 12 12 tons 20 " " "	, go	allons. " lbs. "	
Var Var Wa Wa Wa Cos Cos M. 1 88	riation of riation of ater expander remail consulations and remains all remain	of the Compass by an of the Co	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at	30,111 30,12 30,12	83 83 83	81 81	76 76 76 76	186	300 12 12 tons 20 " " "	, go	allons.  " lbs.  "	
Var Var Wa Wa Wa Cos Cos M. 1 88	riation of riation of ater explanater explanater remail consultations.	of the Compass by an of the Co	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at	30,111 30,12	83 83 83 83	81 81 81	76	186 be	300 12 12 tons 20 " " "	, go	allons.  " lbs.  "	
Var Var Wa Wa Wa Cos Cos M. 1 80	riation of riation of ater expander remail consulations and remains all remain	of the Compass by an ended during the production on hand fit and during the production on hand at No.	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at	30,111 30,12 30,12 30,10 30,09	83 83 83 83 83	81 81 81	76 76	186 be	300 12 12 tons 20 " " "	, go	allons.  " lbs. "	
Var Var Wa Wa Wa Cos Cos  M.  1 88	riation of riation of ater expander remail consulations and remains all remain	of the Compass by an ended during the production on hand fit and during the production on hand at No.	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at	30,114 30,12 30,12 30,12 30,09 30,09	83 83 83 83 83	81 81 81 81	76 76 76	186 be	300 12 12 tons 20 " " "	, go	allons.  " lbs. "	
Var Var Wa Wa Wa Cos Cos  M. 1 86 2 3 4 71.	riation of riation of ater expander remail consulations and remains all remain	of the Compass by an ended during the production on hand fit and during on hand at No.	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at	30,114 30,12 30,12 30,09 30.09 30.09	83 83 83 83 83 83	81 81 81 81 80	76 76 76 76	186 "" " " " "	300 12 tons 20 " " " " " " " " " " " " " " " " " "	, go 00 00 00 00 00 00 00 00 00 00 00 00 00	lbs.	
Var Var Wa Wa Wa Cos Cos  M.  1 86 2 3 4 76 6 7	riation of riation of ater expander remail consulations and remains all remain	of the Compass by an ended during the production on hand fit and during on hand at No.	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at	30.114 30.12 30.12 30.09 30.09 30.09	83 83 83 83 83 83 80 80	81 81 81 81 80 80	76 76 76 76 76	186 % " " " " " " "	300 12 12 tons 20 " " "	, go 00 00 00 00 00 00 00 00 00 00 00 00 00	lbs.	
Var Var Wa Wa Wa Cos Cos  M.  1 88 9 64	riation of riation of ater expander remail consulations and remains all remain	of the Compass by an ended during the production on hand fit and during on hand at No.	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at	30,111 30,12 30,12 30,19 30,09 30,09 30,09	83 83 83 83 83 80 80 80	81 81 81 81 80 80	76 76 76 76 76	186  be "" "" "" "" "" "" "" "" "" "" "" "" ""	300 12 tons 20 " " " " " " " " " " " " " " " " " "	, go 00 00 00 00 00 00 00 00 00 00 00 00 00	lbs.	
Var Var Wa Wa Wa Coa Coa Coa S	riation of riation of ater expander remail consulations and remains all remain	of the Compass by an ended during the production on hand fit and during on hand at No.	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at  oreceding !	30,111 30,12 30,12 30,12 30,09 30,09 30,09 30,09 30,09	83 83 83 83 83 80 80 80 80 80	81 81 81 80 80 80	76 76 76 76 76	186  be "" "" "" "" "" "" "" "" "" "" "" "" ""	300 12 tons 20 " " " " " " " " " " " " " " " " " "	, 50 00 00 HG	allons.  " lbs. " " " " " " " " " " " " " " " " " " "	
Var Var Wa Wa Wa Cos Cos . M. 1 88 2 3 4 71 8	riation of riation of ater expander remail consulations and remains all remain	of the Compass by an ended during the production on hand fit and during on hand at No.	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at  oreceding !	30.14 30.12 30.12 30.09 30.09 30.09 30.09 30.09 30.09 30.09 30.09	83 83 83 83 83 83 80 80 80 80 80 81	81 81 81 80 80 80	76 76 76 76 76	186 %	300 12 tons 20 " " " " " " " " " " " " " " " " " "	7778879	lbs. "	
Var Var Wa Wa Wa Wa Coa Coa Coa M. 1 86 7 8 9 6 6 10 11	riation of riation of ater expander remail consulations and remains all remains and remains all remain	of the Compass by an ended during the production on hand fit and during on hand at No.	Amplitude © observereceding 24 hours during the p for use at Noon eceding 24 hours oon	erved at S ved at  oreceding !	30,111 30,12 30,12 30,12 30,09 30,09 30,09 30,09 30,09	83 83 83 83 83 83 80 80 80 80 80 81	81 81 81 80 80 80	76 76 76 76 76	186  be "" "" "" "" "" "" "" "" "" "" "" "" ""	300 12 tons 20 " " " " " " " " " " " " " " " " " "	7778879	allons.  " lbs. " " " " " " " " " " " " " " " " " " "	
Var Var Wa Wa Wa Coa Coa  M.  1 80  3  4 71  5 6  7 8  9 6  10  11  Iid.	riation of ater expater constant remains all remains a	of the Compass by an ended during the production on hand fit and during on hand at No.	Amplitude observations observations during the property of the	erved at S ved at  oreceding !	30.14 30.12 30.12 30.09 30.09 30.09 30.09 30.09 30.09 30.09 30.09	83 83 83 83 83 83 80 80 80 80 80 81	81 81 81 80 80 80	76 76 76 76 76	186 % " " " " " " " "	300 12 tons 20 " " " " " " " " " " " " " " " " " "	7778879	lbs. "	

under the command of

Moon I mid Examined and found to be correct.

Ohase Aur moon!

# Commander A. A. M. Connick , U. S. Navy, Wednesday. October 22d , 1881.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and	until 4 A.C	W. Weather	clear and	warm Se	aht var-
iable airs and call ing to ibb tide at	ms, Baron	neteretead	y. Aneroia	630.14 Bel	gan swing-
in a to ebb tide at	3.40.	0.			
pugar	d.	igned.	6.6	Rus.	Simil-
11 to 8. A.M. Mos	thy cloudy.	Bentlebr	use from	Sto SI. C	Finished
swinging to the	Bb at 5.05.	bross in t	the hawse	Starlea	b fires for
swinging to the distillish gat 5.	30. Amerois	baromet	ter 30.23.		0 0
	. 0.	Signed,	Olice .	M. Trevin.	Suit
8 A. Al to Merid	ian, Olias	safetivea	Ther Sign	et airs fro	m 8.9k.
wist hour, ther	rhavling	to Do ano	increase	ug to gen	lle bruge,
At q: 30 mustore	dat qualit	ers and esc	ercised boa	Aderd with	vivolvers.
By order of bon					
Maced its down	ble wons for	ten days	for impu	desceto o	Officerof
Deck, At 10.30 g	commence	d swinger	ng to flood	Ameroid	bar, 30.21.
	0 " "	Signed.	1 CR. O. C.	itter.	Insign.
Meridian to 11	O.M. blea	er, and warr	W. Sight	airs from	S & Slack
water, at 19 and, at	1. firished &	winging le	flood, As	served 30.13	
1011	0	Signed.	Mainwrigh	t Kellogg.	Sunt
11 to 8. O.M. blea	er, and warn	w, Sight	Sobruge,	Barowseter	steady.
Swung to the ebb;	at 5.30. Oros	is in hawse	, At Sund	lown pent	down
topgallant yard	ds, Distilli	ing. Aneror	abbaronse	lev 30.18.	0 .
		Signed	1. 21. G. A.	mumi.	Eusegn
80. M to Midne	ght. Clear	andpleas	east with	lightbro	uze from
DE Visicia lak	and the	and four M	1-8 in stable	Adistill	de de tono
pair punch and	d at 11.15 far	Med fires	under dise	Thing box	Ars, At
11.00 Commenced	Deveriging	to flood as	nd finishe	djab 12.00.	Clear
hause, Anerois	d 30, A at en	d of watch	. 0		<i>a</i> .
pair punih and 11.00 commenced hawse, America	//	Signe	d. Un	Sears. 6	Insign
			0		
					- de-

LOG of the United States Steamer Essex, 32 Rate, 6 Guns, Moored off Mozambique. East Africal.

lour. Knots.						1								
Course In marks			WINDS.	-		RADOMETI	E.	TEMP	ERATURE.	State of the Weather.	Forms of	of Clear in 10ths.	State	Record of the mil the year
	Pathoms.	Courses strered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wa Wet a	sa på skmpope	Forms of Clouds, by symbols.	Prop of Sky, in	of the Sea.	Record of the sail the rese at end of watch
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3		-		1		30.10	80	79	76			8	"	
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5		S.		2		30.10	801	86.	46		"	6		
6 Ebb	1			2		30.10	80	80	76			5	"	
7		01	8	2		30.13	80	79	75			6		
8		-		2		20.15	88	79	75			11	"	
9				1		30.17	82	8,1	77		Circum	5		
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11	,	21.011	"E			20.21	83	0.	77		1	/	1	
9200	0	,	010	/		30.22	00	1	77		1	1	1	-
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Dista	nce rui	n by Log since pre	eceding Noon								knots	fati	homs.	-
Latite	ide by	D. R. at Noon										,	"	
Long	tude b	y D. R. at Noon											-	1
Latitu	ide by	Observations at N	loon O											
		y Chronometer fro		ervations	s O									
		ing the time	knots			nr, setting	to the							
Curre	no uui	ing the time	Aurts	mis- be	A HUI	in, seeing	en em	•						
V	E	Cale Common ha	A-lind O .h.		0								20	
		f the Compass by			Sun	rise							"	
Varia	tion of	f the Compass by A	Azimuth O observ		Sun	rise							-	
Varia Water	tion of	the Compass by Anded during the pr	Azimuth ⊙ observeceding 24 hours	red at							300	, gr	" allons.	
Varia Water Water	r exper	the Compass by Anded during the processible of	Azimuth o observeceding 24 hours during the p	red at							120	o gr	allons.	
Varia Water Water	r exper	the Compass by Anded during the pr	Azimuth o observeceding 24 hours during the p	red at								o gr	" allons.	
Varia Water Water Water	r exper	the Compass by Anded during the processible of	Azimuth ⊙ observeceding 24 hours during the p for use at Noon	red at						,	120		allons.  a lbs.	
Varia Water Water Water Coal	r exper	the Compass by Anded during the projectible during on hand fit f	Azimuth © observeding 24 hours during the p for use at Noon coding 24 hours	red at							120	0 8000000000000000000000000000000000000	"	
Varia Water Water Water Coal	r exper	the Compass by Anded during the pro- listilled aining on hand fit formed during the pre-	Azimuth © observeding 24 hours during the p for use at Noon coding 24 hours	red at							120 210 tons 18	0 8000000000000000000000000000000000000	« lbs.	
Varia Water Water Coal Coal	r exper	the Compass by Anded during the pro- listilled aining on hand fit formed during the pre-	Azimuth © observeding 24 hours during the p for use at Noon coding 24 hours	red at							120 210 tons 18	0 8000000000000000000000000000000000000	« lbs.	
Water Water Water Coal	r exper	the Compass by Anded during the pro- listilled aining on hand fit formed during the pre-	Azimuth © observeding 24 hours during the p for use at Noon coding 24 hours	red at		hours	73	82	78		120 210 tons 18	60 26	a lbs.	
Water Water Water Coal	r exper	the Compass by Anded during the product the during on hand fit fined during the pre-	Azimuth © observeding 24 hours during the p for use at Noon coding 24 hours	red at	g 24	30.19					120 210 tons 18	60 26	a lbs.	
Water Water Water Coal Coal	r exper	the Compass by Anded during the product the during on hand fit fined during the pre-	Azimuth © observeding 24 hours during the p for use at Noon coding 24 hours	red at	g 24	30.19 30.16	82	82			120 210 tons 18	60 26	a lbs.	
Varia Water Water Water Coal Coal Sylve 3	r exper	the Compass by Anded during the product the during on hand fit fined during the pre-	Azimuth © observeding 24 hours during the p for use at Noon coding 24 hours	red at	g 24	30.19 30.16 30.14	82	81			120 210 tons 18	60 26	a lbs.	
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Varia Water Water Water Coal Coal A.M. 1 Silo 3 4 5 Silo 6	r exper	the Compass by Anded during the product the during on hand fit fined during the pre-	Azimuth © observe receding 24 hours during the property of the	red at receding	g 24	30.19 30.16 30.11 30.11 30.11 30.11	82 81 81 84 83	81 81 81	78		120 210 tons 18	60 26	a lbs. a	
Water Water Water Coal Coal Coal Solution State	r exper	the Compass by Anded during the product the during on hand fit fined during the pre-	Azimuth © observe receding 24 hours during the property of the	red at receding / /-2 /-2 /-2 /-2	g 24	30.19 30.16 30.11 30.11	82 81 81 84 83	81 81 81	78		120 210 tons 18	60 26	a lbs. a	
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Variation of the Compass by Amplitude observed at Sunset

under the command of Commander A. St. M. Commick , U. S. Navy, Thursday. October 23d , 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4. Adb. Weather glear and pleasant. Sight airs from Sto. Baromeler falling. Introid 30. 18. Distitlying Sight of b. P. Rus. Sunt and light-airs and breizes from Sd, and Ed, Bent-all plain sail and crossed tong allast and royal yards, At 6. 30 finished ewinging to ebb with cross in howse, Abserved barometer 30.26. Frieslighted under distilling boilers. Af La Halpine Ensign 8 d. Al to Meridian. Pledeant weather, Gentle bruge from South. Barometer rising. Abg. 30 went to guarters land mus at 11.50. By order of Commanding Officer to hours saturadity was assigned to Grank A. Morrie Ids and W. Featherstope Ids for being drunk on duty, Clear hawse, Ameroid barondeter 30. 26. Distilling Signed. ON Therin. Sind Meridian to 4 P. A. Clear fand warm. Sight wirs to light SE breezes, Clear hawse, Ried in Pay Dept, 5 bags of signard in Englis Dept 11 bags of line, Amended barometer 30.19. Ensign 4 to 8. P.M. Clear and hot. Sight breeze from SE. Al 11. 115 mustered at quarters, Anivoid 30.21.
8 Oll to Midnight, Weather clear and pleasant, Sight breize from S. S. E. Barometer steady. Shippiding to ebb tides, bross in hause, Distilling. Anewich barometer 3 d 22. Moonsprid Examined and found to be correct.
Dec 18'22'64" S.
Chase, New moon, W. Harken Sievel & Navigator.

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	Hour.	V		Courses steered.	WINDS.	1		BAHOMET	TER.	-	ERATU	-	State of the Weather.	Forms of Clouds, by symbols.	of Clen in 10ths.	State of the	Record of the sail the vessel is unde at end of watch.
	Hour.	Anots	Fathoms	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Met Bulb.	Water	by symbols.	symbols.	Prop of	Sea.	at end of watch.
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	A. M.				, , ,								,				
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								1		1							
		Dista	nce ru	n by Log since pre	ceding Noon									knots	fatl	homs.	19.2.6
		Latitu	de by	D. R. at Noon											,	"	
				by D. R. at Noon											,	,,	The second
				Observations at N	oon O											"	
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				by Chronometer fro													
				ring the time				ur, setting	g to th	e	1						
				f the Compass by			Sun	rise						•	-	"	
				f the Compass by I		ed at								•	,	"	
				ended during the pr	receding 24 hours									300	o gr	allons.	
		Wate	d	istilled	during the pr	recedin	g 24	hours						120	0	"	
		Wate	r rem	aining on hand fit i	for use at Noon									300	00	"	
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Longitude by Chronometer from Afternoon Observations  $\odot$ 

Longitude by Chronometer from Observations \*

Variation of the Compass by Amplitude observed at Sunset

, U. S. Navy,

, 18811

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

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enioke stack, Slack water as 6. 40. finished at 7.50. Anerois	d baromele	20.19.	200	8.
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	4	18		,	,	2		30.08		85	//	81	"		8	"	Set head sails, foresail set plain sail to organ stopgalt sturnsails
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Longitude by Chronometer from Afternoon Observations  $\odot$ 

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by ag o at 11 few

Ho. 38.00" &

Dommerces, and to I a. M. Clear, and pleasant, Sight bruge from A. M. Barometer falling. Swing to flood at 2.30 Started firs under six boilers at 2. Ameroid barometer 30. 19. 4 to 8. AM. Clear and pleasant with light bruge from & 6 by S. Prising barometer, at 5,00 called all hands up lanchor, and at 5,20 got underway. at 5,35 took departure, It Georges I light bearing be) S. S.M. distant one mile, Ships head 6. S. G. patent logger at 5.50 changed course to South. patent log reading 92.5. at 630 changed overse to S. S. E. patent log 97.9. at 8. changed gourse to & Wby S: palent log 108. Ships draft ford 14 10" of 16 00 " aneroid 30.22. Aveletam pres 46. Quoletions 45. Ensign. Signed It. J. Sears. Ensign. Tall to Meridian. Weather clear and warm, Sight airs from Sis, Baremeter steady. Mustered at quarters at 9.30. Passed a Norwegian bark Interior at 1.30 Steam pressure 40. Revs 43. Arrevord 30.18
Signed. G. O. Rus. Sint Suit
Meridian to 4 P.M. Clear and warm, Sight, airs from South hauling to SE and slightly freshering. at 12. 30 changed course to & W/r It. patentling 40.8. at 1.30 set all head sails and at 2.20 the foresail and main trysail. Annoid barometer 30.14. Steam ung Us. Pers by Catent log 68.8.

Ligned. W. Abserin. Sunt
4 to 6. P. M. Olean and pleasant, Sight freshening bruge from Ebyt. Smooth sea, at 11, 15 set all plain sail to royals. als to stopped engines, and banked fires, and uncoupled screws. Aneroid 30.12. Patent log 86.

Signed, Wainwright Kellogg. Sicult to 8 8. Barometer steady. Fires banked under six boilers. Rove stimeail gear and bent the front stune ails except lower, and set them. Average bar 30.13. Patent logges 3 Signed. Karl Robert. Secul. last hour, Gentle bruge from &S. C. Barometer rising. The moon set at 11.35. Fires banked, Changed course at 8.15 to & W. aneroid at end of watch 30.16 Signed, C. P. Rus. Sient

Moon anid Examined and found to be correct.

Phase Auronon.

The Harken Siciel & Navigator.

Commences, and until Ham. Pleasant weather, Gentle breege from 8. S. E. havling to N. at 2.25 took in topgall stunsail and main trysail, Fires banked, averoid barometel 30.04. Patent log 30. Signed. M. M. Trwin Swel 11 to 8. a.M. Clear, and pleasant, Sight bruge from H.E. Survoth sea, at 6. set topgallant stunsails and havled, down head sails. Danked fires. Patent-log 45. Anervid 30. 15. Signed, Wainwright Kellogg. Sunt 8 aM to Meridian Clear, and pleasant, Gentle bruge flow No. to NE by North. Garometer steady. Mustered and inspected grue, at quarters at 9.15. Twis batched under six boilers, Patentleg pat end of watch 63. 11 knots, an ervid bacometer 30. 13. Signed. Karl Rohrer. Sunt Meridian to 1' P.M. Weather glear, and warm. Wind light and variable. Garometer steady at 12.30 changed course to 8 W/2 V. patent-log 61. 5. al 1. 30 spread fires, furthed, all sail and started ahead under steam. al 3. 115 set fore and aft sail except spanker, anervid at end of watch 30.06. Straw 113. Rus 115. Patentlog 85.7 Sind 4 lo b. P. M. Chasant weather. Moderate bruge from & Whys. 4.45 all for the main except mainsail, at 5.50 took in and firled all Equare Rail, the wind haveling ahead. Fires in sio boilers. android barometer 30.11. Patent logal 6. 104.6 Ruets. 6 to 8 P.M. Cloudy, Pleasant, Right bruge from South until 6.40 when the wind hauled to S. S. W, and fresheuld to strong bruge. at 7.45 wind hauled to SW by S. at 6.50 took in fore and aft sail, al 7.30 Sent down topgallant and royal yards. Patentlog 18. Ameroid 3 9. 8 P. M. to Midnight. Weather squally. Bruge very stiffin squalls from South to S. S. E. Barometer steady. Under steams, pressure to by and making 31/3 revolutions. Hauled down jit and slowed down engines to ease the ship, Sea rough, Patellog at end of Evalet \$2.2 knots, Ameroid barometer 3. 20. Karl Rohrer.

Moore lanid Examined and found to be correct.

Ohase. New moon.

M. H. Parken

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

Commences and until 4 P. M. Neather overcast and squally. Winds fitful from Sd. Barometer steady. Sea rough. Ameroid at end of watch 30.18. Steam 40. Awalutions 36. Patent log 51.

Signed. 6 P. R. Signed. Signed.

Let 8. a. M. Overcast and cloudy, Fresh breeze from South, hausling to SSE with occasional equals. Rough sea, Barometer rising. at 6.30 set foresail and at 7.20 the jib, Steam 47 lbs Rivs. 44. aneroid barometer 30.21. Patent log 76.3.

Signed.

8 a. M. to Meridian. bloudy. Pleasant. Gresh breeze from SE by. S. Moderate sea. At 9. set sparker, and fore topmast stayeail. At 10.35 changed course to SW / S; patent log 94.5. Gateret log at end of watch 103.8. Averoid 30.22. Steaming under six boilers. John See Goalheaver ), and John Kennedy, 20 Mach' reported the expiration of their towns of enlistment. towns of enlistment. Signed. Warriwright Hellogy. Sint Meridian to 4 O.M. Weather equally and unsettled. Bruge stiffin equalls from S. S. 6. to South, Under steam, foressure 3glbs, and making 3grevolutions. Took in foresail and fore and aft sail to a shift of wind. at 12:30 changed gourse to SH by S. by order of Capitain. Palent logat end of watch 22 knots. Ameroid Ligned, Start Rohrer Swint Signed, Start Rohrer Swint Ho 6. P. M. Heather cloudy with moderate bruge from S. S. E. Parometer steady. Mustered at quartels at 4, 45. at 4,53 made sail, on starboard tack, setting double rested topsails and single rested foresail, fore topmast stay sail and main trysail, Running steam, down to await fair weather. Ameroid at end of watch 30. 20. Patent log 31.
6 to 8 C. M. Cloudy and evol. Moderato bruge from South. Sea moderating. At 6.20 Stopped steaming and uncompled propellos. Ameroid barobeter 80. 20.

Signed. M. M. Showing Ameroid So. 20.

Signed. M. M. Showing Leest Banked fires. Moderato sea!

Branked fires. Ameroid 30. 20. Observed moonlight.

Signed, Hainwright Kellogg. Seet

Moon faried Examined and found to be correct.

Ohase 1st Quarters

M. To Parker.

Making passage from Mozambique to Cape Town . S. africa

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			Fathoms		Direction.	Force.	Leevany	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	at surface.	by symbols.	symbols.	Prop Sky, i	Sea.	
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213	8	7	0		,	11		30.10	76	75	71	78			4		Took in main Ingeail
3702	4 9	6	8			3		30.15	77	76	71	78			3	"	
	10	7	2	SHES		3		1	7/8	1		20			2		11 . 7 . 11
		/	-	211-0		3			78	76	7'	1			2	*	Set main Trysail
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700				f the Compass by A			Sun	rise						•	,		
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		Water			during the pro	ecedin	g 24	hours								"	
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				ned during the prec										tons 7		lbs.	
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	1000	/		"			-	30.18	73	/	/	1			2		
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				by Chronometer fro		ervatio	ns O							•	,	"	-
		Longi	tude 1	by Chronometer fro	om Observations			*						•		"	100
		Varia	tion o	of the Compass by	Amplitude obse	erved	at Su	nset							,	"	
	5	Varia	tion o	f the Compass by		at										"	
		200		Southern of		at .								1	-	"	

Commences and until H a.M. Weather pleasant. Moderato bruge from South. Garometer steady, at 3. spread fires. Coupled proon the course S. S. W 1/2 W by order of Captain. Put over Halenet log it showing 35.2 knots, and at Hit showed 37.2 knots. Ameroid bar 30.20. Signed. Karl Robert Sent Sent 4 to 8. a.M. Weather partly globedy and pleasant, Gentle breeze from Sby 6. Garometer steady Set all fore and aft eail except flying job at 5. 15. Jook in man trysail at 7.40. Ameroid at end of watch 30.28. Steam 49. Revs 43. Patent-log 62.2. b. P. Pees. Sint 8. all to Meridian, bloudy and gool, Gentle bruge from Sby 6. Smooth sea, algos changed course to & Wby S; patent log 69 5. Set main trypail, Rove off dew main topsail pheets, Steams 45 lbs. Revs. 484. aneroid barometer 30.28. Palent log 91.8. By order of Comidg Officer placed Chas b. Batta (P.M.) in double wons for five days for insolence to first sergeant. It. M. Truvins. Sients Meridian to 11 P. M. bloudy. Pleasant, Sight bruge from South. to Soy 6. Smooth sea, Moderato swell from St. al 12.45 changed course to & W/rs. at 3.45 set foresail, Steaming under six boilers Patent log 20, 6. averved. 30.27. Signed Nainwright Kellogg, Sunt Ilo 6 C. M. Cloudy but pleasant, Gentlesto moderate breeze from S. S. E. Baronseter steady. Under please, pressure 43 lbs, 45 blo 8 P. M. Weather gloudy and pleasant, Gentle bruge from S. E. Barometer steady. Hadled upgand furled foresail lat 6.30 ameroid at end of watch 30.30. Steam 46 lbs. Rev 45. Patent log 51.3. 8 P. Mr to Midnight, bloudy pleasant, Gentle bruge from Sby 6. Smooth sea, Stehm Holbs. But. 44. aneroid bar 30.30. Catentlog 86.3. Signed. W. M. Sewird Seest

Moon I said Examined and found to be correct.

Occ 9° 21' 18" S.

Phase. First Quarter

Jr. 14 7 En Ken

Variation of the Compass by

Making passage from Mozam bique to bake Town. South africa.

maning pressage from resigni so cape South. South eighen.																	
					WINDS.		BAROMET	TER.	TEM	PERATU	URE.			lear ibs.			
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is und at end of watch.
	A. M.																
	1	8	0	84/28	8	3 3		30.15	/	/		75	be.	Cir cum		8	For and aft sail
	2	8	0	"	". A	3		30.15				75	"	"	2 3	"	
	3	8	0	•	8 26.	3		30 15	/	/	. 1	70	,	-	3	"	
	4	8	0		8.8.6.	2		30.13	/	/	68	75	,	cir and	-	*	7.1
	5	7,	50	in	D. D. D.	2		30.14	/	/	68	70	•	cir cum	3		Jook in main trysa
3 243	6	78	0	824	"	2		30.15	/	/	68	70		"	3	"	
243	7	8	0	,	Sx &	2			/	/	68	70	"	"	11	1	907 32 33
36-16		0	8	"	88%	2		30.23	/	/		75		"	6	*	
	9	/		82424	2211.	1		30.23	/	/	1	75	-			-	
	10	76	8			,		30.23	/	/	68	75	7	"	4	"	
	11			"	Calm	0			1	75	68	10	"	"	8	"	THE SHEET
	Noon.	7	5	"	Value	1		40.20	10	1	08	70	•	- "	10	-	
Distance run by Log since preceding Noon  183 knots 7 teaths.																	
																1	
Latitude by D. R. at Noon															The second secon		
Longitude by D. R. at Noon 35 · 51 · 00 " &															1		
Latitude by Observations at Noon O 24 . 57 . 00 " S.															0		
				by Chronometer fro									•	SHEET CARP			6
	Current during the time O. 3 knots — fms. per hour, setting to the \$ 449° &.																
13				f the Compass by											,	"	
100				f the Compass by A		ed at	8.	ano.						2000			
				nded during the pr										330	ga	llons.	
		Water			during the pr	ecedin	g 24	hours							-	"	
				aining on hand fit f										139		"	-
3				ned during the pre										tons 4		lbs.	
25-	00	Coal	remai	ning on hand at No	oon								114	" 12	38	"	
85-68						T	T				1	T			T	T	
	r. M.		c	824×24.	8%	,		1			-		1				,
	1	6	8	DIXII.	DIV.	1		30.22	/	76	1	1 -	be	Cicun	07	Les les	
12/	3	6	8	"	"	1		30.22	77	76	70	75	*	"	19	4	
1360	3	17	2	"	1 1	2	1	30.21	78	77	70	73		"	8	N	
	4	18	0	"	8×24	1		30.21	/	77	70	73		"	8	1	
	5	8	0	"	"	2		30.21	/	/	70	75	"	4	8	+	
	6	8	11	"	",	8	-	30.21	V	73	72	73	"	Cio &	7	"	
3	7	8	5	"	8.	3		30.20	1	75	72	75	"	,	7	"	
25-4		8	5	"	"	3		30.20	/	1	X	75	"	"	7	"	
35-15	9	8	3	,	"	3		30.25	/	73	69	75	"		8	"	
	10	8	0	"		3	1	30.26	1	73	69	75	"	"	8	-	
	11	8	0	"		3	-	30.25	1	73	69	75	"		8		
	Mid.	8	0	,		3	-	30.26	74	73	69	75	-		8	"	
			1				_		1	1	1'	1			-		
		Longi	itude 1	by Chronometer from	om Afternoon Obs	ervatio	ns O							35.5	70	0 "	*
		Longi	itude 1	by Chronometer fre	om Observations			*						. 1		"	
-		Varia	tion o	of the Compass by	Amplitude obs	served	at Su	nset								"	
THE REAL PROPERTY.																	

Dommences and until 4 a.M. Cloudy Pleasant, Sight bruge from Sby B. Smooth sea, Moon rose at 1.55. Steaming under six boilers. Patent log 11.5 knots Aneroid 30.28. Signed. Wainwright Stellogg Sints

1 to 8. a. M. Olean and pleasant weather, Gentle bruge from Sby & to S. S. E.

Barometer rising, at 5.10 changed course to S. W. by order of baptain, Patentlog

indicating 30.2 knots, Under steam, pressure 39 lbs, 44 revolutions, Amerold barometh 30.33. Patent log 43.2 knots. Signed. Karl Cohrer, Sint 8 am to Meredian. Weather cledy and pleasant, Sight airs from S. It. Barometer steady. Mustered at quarters at 9.15; exercised 12 and 3 divisions and marine quard at small arms and o'division at single sticks. Exexcised signal class at making signals. An evoid at end of watch 30.32. Steam 33. Revs. 39. Patent log 72.8. Changed courseyat 9 to S. Wby N. Sy order of bournanding Officer, Henry Turnan. (P. M.) and Harvey Sake P.M. were given six hours extra duty for being slow at spreading awning and We Shupson (OS) 5 days in double wors for disobeduces of orders of Capter of Forcastle Signed. C. P. Aus. Lent Meridian to 4 P.M. blear and pleasant, Sight airs from SV. haveling To Sby W. at 35° set jib, flying jib and for topmast staysail. Steam 33 lbs.

Aus 40. Averoid baron the 30.32. Palent log 101.8.

Signed. W. M. Srevin. Sint 4 lot. C.M. Clear, and warm, Sight bruge from Sby It. Sea smooth Long moderate swell from SV. at 400 set foresail and at 500 took it in Steaming under six boilers, Patent log 18. Ameroid 30.32. 6 to 8. PM. Clear and pleasant, Bentle bruge from South Barometer Making 51 revolutions, Patent logal end of watch 35.5. An eroid bar 30.35

8 C. M. to Midnight- Meather deal and pleasant, Brightmoonlight. Gentle breeze from Sd. Burometer steady. Ameroid at end of watch 30.38. Steam 411. Revs. 46. Patent log 68.5 Signed. 6. P. Aus. Secul Sunt.

Hogularied Examined and found to be correct. Thase, 1" Quarter,

Similand Navigator.

Making passage from Mozambique to Cape Joion. South Ofrical.

			_					_								-		
Hour. Knots. 2 Courses steered.					WINDS.		N.	LISOMETI	EF.	TEMP	ERATU	RE.	State of the Weather.	Forms of	f Clear 10ths.	State	Record of the sail the vessel is under	
	Hour.	Knots.	Pathoma,	Courses steered.	Direction.	Force.	Leeway.	ght in I	Ther.	Air Dey Bulb.	Air Wet Bulb.	Water	Weather. by symbols.	Forms of Clouds, by symbols.	E.o.	of the Sea.	at end of watch.	
			. Va			-	2		-	DOIN.	TATION I	HILIMON.			Prop 8ky.			
	A. M.			121 01	,								10	air.		,	N	
	1			834×94	<i>S</i> .	3		.26	/ /		1	75	be	3 Cum		8	Foreaudappail	
	3	8				3		.26	/ /		70	72			26	*		
	3	9	0	•	8. 8. 8.	3		.26	/ /		70	711	*		4	•	1.1 .	
	4 5	9	0	1	D.D. W.	3		27	/ /		70	74		-	3	•	Set forceach	
	6	7	6			3		27	/ /	6601	68	74			3	•	Took w foresail	
3	57	-	11			3		27	/			74	beh	-	2	1		
1/6	8	8	6			3		29		ALC: N		MIL	1	Cir Ceres	6	-		
33-	2 9	8	5		8	3		.30		_			-		6	-	The second second	
	10	8	0			3		0.30			69	1			5			
	11	8	0			3		-30	/ /					-	5		Set foresail	
	Noon.	10	0	,	8×6	3			74	<i>1</i> 000 i		74			5		7	
		-						- 1	-	1	/	/				L	TO THE REAL PROPERTY.	
	Distance run by Log since preceding Noon 194 knots 11 faithous																	
				D. R. at Noon										Ly . 4			1	
				by D. R. at Noon										83 . 5			8	
				Observations at No	000 О									24.51	11.0	0"	6.	
		Longit	tude b	y Chronometer from	m Forenoon Obse	rvations	0							68.31	4.0	0"	6	
		Curren	nt dur	ring the time /- 0	knots —	fms. per	hour, s	etting	to the					8.5	50	24.		
				f the Compass by A												**		
133	9	Variat	ion of	f the Compass by A	zimuth O observe	ed at	Tan	6.						2200	0.0	9 "	24:	
				nded during the pre										345				
		Water			during the pr	receding	24 hour	rs								"	THE RESERVE	
		Water	rema	sining on hand fit fo	or use at Noon									105	0	44	1	
		Coal e	onsan	ned during the prec	eding 24 hours								15	tons, 70	0	lbs.		
		Coal r	emair	ning on hand at Noo	00								99		_	"		
						-											4	
	P. M.	4	0	5H . H.										133				
	1	4		824-1434	Se B.	3	3	.30	74	74	69	74	be	Cie ocu	6	8	made egisail to royale	
	3	8	6	"	86×0.	3	30	26	74	73	68	74					let port clumsails week	
	3	9	0		Oxs.	11		0.211			_	•			4	100	lower,	
	4	6	0		Ĉ.	4	3	211	73	72	68	74			4		The Hand	
	5	6	5		*	4		0 211		_	_				11		for topt elapare	
	6	7	0	,	"	11		0.24	/ /						5			
2804	7	16	6	,	"	4		. 24		_		~			6		Took in spanker	
32.62	. 8	7	0		"	4	3	.26	44	72	68	74			6			
	9	6	6	*	Or E.	0		.26	/ /	_			oe	Cir euro	0			
	10	6	0		A8×6	5	3	.27	75	72	68	74			0			
	11	6	0		"	5	3	.27	75	73	69	74	be		1		Took in main topail	
	Mid	7	0			0	è	. 25	74	73	69	74	,		1		I Topgall stursail	
		/							1							1		
		Longi	tude b	y Chronometer from	m Afternoon Obs	ervation	s ①							33.3	5.0	70 "	8	
	Longitude by Chronometer from Observations *																	
	Variation of the Compass by Amplitude observed at Sunset																	
		Variat	tion of	f the Compass by	ag o	at 1	1 pu	w.						21.3	0 .	00 =	60	
1	9-27-27	The Park Street			The second second second		and the same of th										The second secon	

Commences, and until 4 a Mb. Partly Cloudy. Moderate bruge from South handing to S. S. E. at 3.45 set foresail, Steam 44 lbs. aus. 48. aneroid barometer 30.38 Patent log 100.7. Let 8. a.M. Cloudy until of when it became clear, and pleasant, Light bruge from S. S. E. Sonoth sea, ab b. took in foresail. Passed, a small clearner bound to nis. Steaming under six boilers. Palint log 34.8. America 30.45.

Same to Municipal Character to the state of the stat 8 am to Meridian. Clear, and pleasant, Gentle breeze from South to Sby 6. Carometer steady. At 9.15 mustered abquarters, and exercised aldivisional drills. Under steam, fore and aft sail and foresail pressure 44 lbs. 47 revolutions. Annoid barons eter 30.44, Patent log 69 knots. Chas Carroll Quem' reported the expiration of his term of enlistment. Signed. Karl Rohrer. Sint Meridian to 4 P.M. Weather clear and pleasant Gentle bruge from & aus Ed. Garometer falling. at 12.30 changed course to S. W. by It 14 W. Set foresail at 1.05. Made sail to voyals and set all port stursails except lower 1.20 - 2.30. Shifted fires for distilling to forward boilers. Let steam run down. Banked fires and uncoupled propollor at 3.00. Began distilling at 3.00. Ameroid at end of watch 30.37, Patentlog 100.3.

Signed. D. P. Rus. Seub H to b. J. M. Pleasant weather. Moderate bruge from East, Smooth sea. Fires banked under four boilers. Distilling. Melired at quarters, at 4.45 Cafter which exercised crew at fire quarters, Ameroid barometer 30.36. Abs. 40
look in flying jit and fore topmast stayeail.

Signed. It. M. Snevin. Sind

6 to 8. P.M. Clear, and pleasant. Moderate bruge from East, Smooth sea At 9.50 hauled down jit. Banked fires, Palent log 28.4. Ameroid 30.42.

Signed, Wainwright Kellogg. Sent 8 9. M to Midnight, Pleasant weather, Tresh from No to No by E. Barometer falling, Fires banked under four boilers. Distilling. Ameroid barometer 30.37. Patent log 54,2 knots.

Signed. Karl Rohrer. Lieut

Moonel. anid. Examined and found to be correct.

Per 1° 24' 08" S.

Phase, 1º Quarter.

M. Sient Parker.

, 31 Rate, 6 Guns, Steamer Essex LOG of the UNITED STATES making passage from mozambique to Cape Town. S. Ofricas Prop of Clean Sky, in 10ths Sear Hour. Knots. Courses steered. A. M 8 0 824×24/424 NEXB Curcim 4 S. Square sail 30,2174 72 69 74 30.1974 72 69 74 30.16711 72 69 74 1 5 20.16 74 72 69 74 5 30.12 74 72 69 74 30.11 74 72 69 74 30.12 74 72 69 74 30°23 20.147472 69 74 31042 30.12 74 73 70 74 3 8 30.12 74 73 71 74 45 11 30.1275 75 71 74 11 11 30.10 75 76 72 74 Noon. 177 knots 3 fathoms. Distance run by Log since preceding Noon Do . 26'00 " S Latitude by D. R. at Noon 31 . 34'00 " 6 Longitude by D. R. at Noon 30 . 54'00" 8 Latitude by Observations at Noon ⊙ 31 . 22 .00 " 8. Longitude by Chronometer from Forenoon Observations ⊙ 8. 25° 24. Current during the time /- 3 knots - fms. per hour, setting to the 1388 Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at 8. a.w. 25° 00 '00" 21 Water expended during the preceding 24 hours 350 gallons. Water distitled during the preceding 24 hours Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours 940 lbs. Coal remaining on hand at Noon 94" 1838 P. M. 824x24-1424. Ot 821/424. BORB 5 3008 76 77 72 75 be 30.06 76 77 72 75 0 30.00 77 77 72 0 6 30.04 77 78 83 5 77 77 73 5 0 30.01 75 74 71 78 2 11 21 30.01 75 74 71 75 5 BO. 01 45 74 71 2 10 5 3 H 2 11 2 11 Mid. 44 31.10 Longitude by Chronometer from Afternoon Observations ⊙ 100 11

Longitude by Chronometer from Observations

observed at Sunset

Variation of the Compass by Amplitude

Commences and until 4 a.M. Weather partly cloudy and pleasant, moderate bruge from Noby 6. Barometer falling. Took in fore top-mast stursail at 12.05. The moon set al 3.20. Fixes banked, Distilling Aneroid at end of watch 30.28. Patentlog 24.1.
Signed. N. M. Freviro. Since well from No and &c, Barometer steady. Ameroid barometer 30.26. Patent log 16. Distilling. Segned 6. P. Rus. Lieut 8 am to meridian, bloudy latter half of watch, clear the remainder. Moderate breeze from NE by &. Moderate sea. Exercised the boarders, and riflemen at stations. Patent log 46. 4. ameroid 30. 23. Banked fires D. Montgomery I Cl Fire reported the expiration of enlistment. Signed Warnivright Kellogg, Linet-meridian to 4 P.M. Charand pleasant weather. Thish bruge from 6. At 6. Sarometer falling. at 3. 18 stopped distilling, haviled the fires and started two others and banked them. for others also banked, at 12.25 changed, lowese to It S. W/4 Vt. by order of bap-Lain, Pat. log 49.3. Onerwid barometer 30.17. Palent log 71.5 knots.

Lain, Pat. log 49.3. Onerwid barometer 30.17. Palent log 71.5 knots.

Liest

Light, Karl Rohrer. Liest

6. H. E. Barometer falling. Mustured at quarters at 4.45. Oner
oid at end of watch 30.8. Palent log 84.7.

Light & M. Brown Level

b to 8. P. M. blear and pleasant, Moderato bruge from 6. H. E.

Smooth sea, ameroid barometer 30.17. Palent log 96.7.

Light & G. Rus. 8. C. M to Midnight, Clear and pleasant, Light bruge from E. A. E. Smooth hear Observed moonlight, Patent log 16.6. Banked fires. Ameroid 30.15. Signed Hainwright Killogg, Lieb

Moonlonid. Examined and found to be correct.
Thase, Se Quarter.

The Ken Lice of Navigator.

Longitude by Chronometer from Observations

observed at Sunset

at

Variation of the Compass by Amplitude

Making passage from Mozambique to Cape Town, S. africa																	
					WINDS.			BAROME	TER.	TEM	PERATU	JRE.			lear bs.		
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	way.	Height in inches.	Ther.	Air	Air Wet	Water	State of the Weather. by symbols.	Forms of Clouds, by symbols.	H.	State of the Sea.	Record of the sail the vessel is under at end of watch.
8			Fat				Lee	inches.	att'd.	Dry Bulb.	Wet Bulb.	surface.			Prop Sky,		
	A. M.				6.0								,	Pr 9			
30.0		3	0	みらみ・/47.	6018	2		29.99	70	73	71	74	be	Cure & Oir cum	1000	5	Took in all sail
	3	4	0		de	2		29.98	74	/	70	711	-		3	*	
	4	1/8	3	*	d.	2		29.97	74	73	70	74	"	,	3	*	Selma damaia
	5	8	0		dr.	2		29.90	73	73	70	74		"	11	"	Set for and aft sail
	6	7	7		21+8	5		29.97	1/2	72	67	73			3	,	
3208	,7	7	4	,	,,	5		29.97	72	72	67	73	,		3		
6	8	7	0	•	824×24.	6		29.97	73	72	67	73	,	,	5	-	
29010		6	0			5		29.98	74	73	68	73	,,		4	m	
	10	6	2		*	5		29.98	74	/	. /	73	bep.		3	-	
	Noon	6	0	*		0		29.98	/	73	67	73	be	"	6	*	
	Noon.	6	6	•	"	4		29.98	74	73	68	73	-	-		-	
	Distance run by Log since preceding Noon  147 knots 3 lewsho																
	Distance run by Log since preceding Noon  147 knots 3 fathoms.  Latitude by D. R. at Noon  32 · 42 · 00 " L.																
				by D. R. at Noon										28 . 64			BUT THE REAL PROPERTY AND ADDRESS OF THE PARTY
		Latitu	de by	Observations at N	oon ⊙ .									33 . 15			THE RESERVE OF THE PARTY OF THE
		Longi	tude l	by Chronometer fro	m Forenoon Obse	rvation	s O							28.51	4'00	, "	6
		Curre	nt du	ring the time /,	knots -	fms. po	er ho	ur, setting	to th	e				8.0	390.	24.	- State of
132	1			f the Compass by A											,	"	
				f the Compass by A		ed at	80	m								"	
				ended during the project is tilled										Ho			
				aining on hand fit fo	during the pr	eceain	g 24	hours						110		"	
				med during the pred									8	29. tons 16		lbs.	
				ning on hand at No									86		58	"	
						_								•			
	P. M.		,,	21 824/494													
	1	2 4	40	21/2 St.	SHX H.	5		09.98	711	72	68	73	be	Que &	11	m	
	9	6	6	"		8	100	29.98	711	72	67	73	,		3	"	
	3	6	2	,	21.524.	5		29.95	711	72	67	73	"		2	"	
	4	6	6	"	0111	3		29.95	711	71	/	73	ocd	"	0	"	
	6	2	0	,	21/20.	4-6		29.95	73	70		73	begt.	nemels	2	"	
8212	-	2	0	24.	21871.	5.6		29.97	73	70	66	/	,	"	2	,	
28005	200	2	0	"	,	5-6		29.97	73	70	65	72	beg	"	2		
28.02	9	2	8		WXN.	5.6		29.98	73	/	1.	72	prod	*	0	R.	
	10	3	2	, .	"	5-6		30.00	73	69		1	ocga	nint	9	10.	
	11	13	0	Wind.	8.24.	5-6		30.00	71	67	63	70	ocqd	"	0		
	Mid.	4	0	"	,	5-6		80.00	71	67	68	70	ocq	ein b	0		
	-									1		1				1	
	-	Longi	tude 1	by Chronometer fro	m Afternoon Obs	ervation	ns ⊙							28 . 4	4'0	0"	d.

Dommences, and until Ham, Clear, and pleasant weather, Sight bruge from EN. Eto North, Barometer falling, at 1.05 spread fires and furled sail, alt. 50 started ahead under steam; palentlog indicating 22 knots; pressure 40 lbs and making Ha revolutions, ameroid barometer 30. H. Patent log 38.5 knots. Signed. Harl Rohrer. Sint Ho 8. a. M. Heather partly cloudy and pleasant, Hind haveling from Nand His to St and He, at 5, 10 took him all for and aft eail. At 6.15 sunt down top gallant and royal yards. Ameroid, at end of watch 30.15. Steam 50. Pers 48. Patent log 68.2.

Signed. 6. P. Aus. Lint 8am to Meridian. Partly cloudy with passing showers first part, Moderate bruge from Sby It. Moderate sea, Steam 49lbs. Revs. 46. aneroid barometer 30.13.
Palent log 96. 4. The term of enlistment of John Foster, B.M'expires to day. Meridian to H O.M. Cloudy. Light driggle last half hour of watch, Moderate bruge from It S. It. Moderate set, at 12.25 changed course to It /r A. Steaming under six boilers. Palent log Do. Ameroid 30.18.

Light driggle last half hour of watch, Moderate Signed 30.18.

Signed Vainwright Hellogg. Linet-4 to 6. P.M. Weather squally. Fresh bruge in equalls from Why S. to WSV. Darometer rising. Moderate sea running which ship rides easily. at 500 slowed down to lase ship. Under sleam, pressure 45 lbs, and making 42 revolto West by order of Captain. Signed, Karl Rohrer. Level but moderating. Omerbid at end of watch 30.28. Steam HH. Revs 34. Pallog 20. 8 P. M to Midnight, Overcast cloudy and rainy. Hind fush with frequent equals from Why V. handing to S. V. Sea rough. Steam 40 lbs, acolutions 32. anirvid barometer 30,23. at 10, 15 changed course to W/rd. Patent log 35, He Signed. H. M. Irwin. Liest

Thornhound Examined and found to be correct.

Ohase, First Quarter

Making passage from Mozambeque to Cape Town. S. africa.																	
	WINDS. BAROMETER. TEMPER									PERATU	TRE.			lear bs.			
	Hour.	Knots.	Fathoms,	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Cle Sky, in 10th	State of the Sea.	Record of the sail the vessel is under at end of watch.
	A. M.																
	1	3	0	21/28	8.24	5-6		30.00	40	68	6,	70	ocgh	Cum &	0	a	
	2	11	-	,	"	5-6							ocqd	"	0	"	
	3		4	"	,,	5.6		30.00					- y		0		
	4	5			Stel	5-6		30.01			_	,	,		0	,,	
	5	4	5	"	8.24	5		30.01				/	bo	Cir Cum	3	n	Seljib ftopt staying
-	6	5	0	21	,,	5		30.03			_	/	,		3	"	main Impart
34.1	12 7	5	5	,,	SIXS	5		30.05				_	-		11		1
8	8	6	0		854	5		30.07	65	64	09	70	,		3		Set for wait reparter
26-2	9	6	4	,	"	5		30.10	65	64	09	70	begg		5		
	10	7	3	"	824×8.	5-6		30.15	64	63	57	70	"		4	"	
	11	18	0	,	"	5-6		30.15	63	63	57	70	,	"	5		
	Noon.	8	0	"	,	5-6		30.18	63	62	37	70	"		5		
Distance run by Log since preceding Noon  1/8 knots 5 fathome.																	
Latitude by D. R. at Noon 34 ° 09 '00" S.																	
				by D. R. at Noon										26 . 5.			
				Observations at No										34.21			
120				y Chronometer from										26050			6
138				ring the time 2.					g to th	ie				8.6	6. 2	V.	
				f the Compass by A										1	•	"	4
				f the Compass by A		ed at	0	a m.						30.00			
		Water		nded during the pre			- 24							350	ga		
				aining on hand fit fo	during the pr	eceain	g 24	hours						2		"	
				ned during the prec									11	255		"	-
				ning on hand at No										tons 68	6	lbs.	
				on mand at 110									72	" /			
	P. M.			0.										1.	T	T	
	1	52	0 8	Horn's W.	S. S. W.	5-6		30.22	63	63	54	70	be a	sir cun	; 3	00	A. b. ale the est
	9	9	0	,	"	5-6		30,25	-	1	1	1	1	Journ	1		fore topsail double my m. topsail eing to out
3	3	9	4	"		4-5		30.26	1000		1000	/	"		4		In take ail aims le out
34-39	4	9	5	"	S.	4-3	+	30.29		1000		V	"		4		m. opens any
6	5	9	6	"	,	4-3		30.29					"	,	3		
25-00	6	9	4	"	"	5		30.30		10000	1	V	be	Cir Cum	. 0	1	
34-4	67	9	5		8.8.6.	5		30.31			1000	1	beh	,	3	ne	
6	8	9	5	"	,	5		30.32	3	1000	1000	V	,	,	3	1	
24-0	9 9	9	5	"	"	5		30.36		1000	1/	-	be	"	4	, "	
	10	9	6	"	,,	5		30.36		10000	1			"	3		
	11	9	3	"	,	5		30.33	7000	1000	1000		"	"	6	"	
333	Mid.	9	4	"	,	5		30.33		100		1000	"		4		
		1			THE PARTY NAMED IN	13 13 13	1000	1	1	1	1	1				"	Management of the latest of th

25.35.00" Longitude by Chronometer from Afternoon Observations  $\odot$ Longitude by Chronometer from Observations \* Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

Levit & Navigator

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ha. W. Cloudy. Occasional showers of rain and moderate squalls of wind. Fresh breeze greater part of watch from SH and It. Moderate sea, Obscured mobilight, Steaming under sex boilers. Palent-log 48.6. arreved 30.26. , Signed Fairwright Kellogg Leut 11 to 8. a. M. Meather pleasant, Bush breeze from S. It to IS. It. Barometer rising. at 6. changed everse to West by order of baptain; hateutlog indicating 52.11 tonots. at 5.25 passed a brigantino elanding to Dand Ed; another sail in sight on starboard bow standing to Me, Winder steam, fore and aft sail and foresail, Pressure 4, lbs, of revolutions. anerbid barometer 30.34. Patent log 66.2 knots. Starl Rohrers. Linet 8 am. to Meridian. Weather Soudy and Equally, wind from S.S. H. Rough sea, ship rolling duply at times. By order of Comida Offices Released b. b. Galty (PM). S. Walden S. 6 reported the expiration of his term of service, aneroid at end of watch 30. 48. Steam 48 lbs. Revo Lutions 46. Patent log 95,7. Signed b. P. Rus. Lewb Meridian to 4 J. M. Oloudy and Gool. Freshbruge from S. S. H. Rough sea, at 12,28 took in spanker and changed course to MANIA. protest log 10! 8. at 1.05 set double reged fore topsdil and single reged main tople ail. Steam 43 lbs, Revs 46. Ameroid bur 30. 47. Patent log 31 knots 4 to 6. O. M. Olear and pleasant Moderate bruge from S. V. Moderate sea, at 4. 15 shook rufs out of topsails. Steaming under six boilers, Patent log 50.

Annoid barometer 30.50. 6 to 8. O.m. Weather pleasant, Fresh bruge from S. S. G. Samueter steady Under steam and sail. Pressure of steam to lbs and making so revolutions. bow at 6.30. ancroid barometer 30.55. Signed. Harl Rohrers. Quel-8 C. M to Michight Weather partly bloudy and pleasant, Gresh breeze From S. S. E. Garometer steady. Moderate sea, Bright moonlight. anividal end of watch 30. 58. Steam Ho. Revo 50. Patent log 108.8. Signed, Moon anid Examined and found to be correct.

Oct 110 26' 00" of. Phase First Quarter

# making passage from mozambique to bape Town, S. africal

		1	/	10	/	1		1				/				0	
					WINDS.	BAROMET	ER.	TEMI	PERATU	RE.							
	Hour.	Knots.	Fathoms,	Courses steered.	Direction.	Force.	Leeway.	Height in		-	Air Wet Bulb.		State of the Weather. by symbols.	Forms of Clouds, by symbols.	E.	State of the Sea.	Record of the sail the vessel is under at end of watch.
			Fai				3	ment.	-	Bulb.	Bulb.	surface.			Prop Sky.		
	A. M.																
	1	9	2	2221/22	8.8.6	5		30.34	63	63	62	66	oc !	Dir Cum	0	m	
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	7	9	6	,	,	5		30.35	63	63	56	64	,	"	2	"	Jost in on trysail
	8	9	4			5		30.35	63	64	58	64	,	Cir Cum	6		
	9	1000	0		8.6.	5		30.35			1000	1000		Ger		8	1. Tobackterie
1	1000	9	,-			5		120000000000000000000000000000000000000						467			Set topgal sails
7	10	9	0		"			30.33			/	0000000	"	"	9	"	
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	Noon.	13	0		"	0		30.31	65	66	60	64		,	9	"	
															1		
Distance run by Log since preceding Noon 23 / knots o fathoms.																	
															THE RESERVE THE PARTY OF THE PA		
Latitude by D. R. at Noon 35° 07'00" S.																	
Longitude by D. R. at Noon 21 ° 06 '00" &.															Č.		
Latitude by Observations at Noon © 35 ° 09 '00" &															8		
Longitude by Chronometer from Forenoon Observations © 20 ° 56 ' 00" &																	
									4.41					8.85			
12	01			ring the time 1.0					to th	е				10.80	W.		
13	0	Variat	tion o	f the Compass by A	mplitude O obser	ved at	Suni	rise						•		"	
	,	Variat	ion of	f the Compass by A	zimuth o observe	d at	80	ami,						30000	'0	0"	21
	,	Water	expe	nded during the pre	ceding 24 hours									350	ga	llons.	
		Water			during the pre	cedin	7 94 1	honre								"	
						- Cum	5 ~ 1			3 8							The second second
				aining on hand fit fo										220		"	
	-	Coal	consur	ned during the prec	eding 24 hours								15 t	ons 22.	00	lbs.	THE REAL PROPERTY.
	-	Coal	remain	ning on hand at Noo	on								56	" 170	59	"	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW
														"/		1	
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100	1	1000	,,	A7 3/4 7.	8.6		1	1 1	,		,	,	1		1	-	
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-	3	9	0	,		5	1	30.23	68	68	61	64	! "	"	8	"	The second second
9	3	9	0		"	5		30.20	68	67	61	64	' "	,	7	"	
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8	5	72	4	NW 3/4 N.		5					SERVICE PROPERTY.	COMMUNICATION I		"	1	"	
0-00	-		0	0111 14 31.	*	17		30.18						"	6	"	
3	6	9	/	"	"	11	1	30.18	10000	1000	100	64			6	"	
34-5	3 7	9	4	"	,	11	1	30.18	68	65	62	64	"	"	4	1 ,	
19.22	8	9	2	"	"	4	- 3	30.18	68	65	62	64			2	- "	
	9	9	5			5		30.17	-	1335	62			Circun 3	4		
	10	10	0			5	100	1	1	1000				- cun	8	"	
					"		-	30.15	/		62		"	"	S. Company	"	1, 1
-	11	10	TO THE OWNER OF THE OWNER OWNE	"	"	3		30.15	1		1		"	"	3	"	Look in lopgalls
-	Mid.	5		dor 21 3/4 7.		6	1	30.13	67	64	62	63	*		6		Sook in lopgalls
					-	1			/		1						

Longitude by Chronometer from Afternoon Observations  $\odot$ 

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Commences, and until H a.m. Overcast and gloudy greater fact of watch. Tresh briege from S. S. E. Moderate sea, an erbid barometer 30.52. Steam H2 lbs. Revolutions 51. Gatent log H3.8.

Ligned. W. M. Sowind. Links

Links

List 8. a. Mr. bloudy until y where weather gleared, Fresh bruge from S. S. E. Moderate Lea! at 5.10 changed gourse to n Why W/4 W. Patent log 55.6. At 6. took in main tryeail, and hauled down head sails. Iteaming under ein boilers, Patentlog 81.6. Arrerord 30.53. Signed Hamwright Kellogg, Liest I a In to Meridian. Bleavand bledeant weather. Fresh breige from Sto. Barometer falling slowly, at 9.15 inspected, at quarters, and exercised at divisional drills. at 8. brossed topgallant yards and set the sails, By order of Counding Officer released War Lumpson Of from confinements. Under steams and all equare sail to topgallantsails except mainsail Operace 38 lbs, making 49 revolutions, anivoid barometer 30.45. Patent log 22 knots, Undbent stunsails and unrow stunsail gear. Meridian to 11 P.M. Weather clear and pleasant, Gresh breeze from & E. Garometer falling, Changed gourse at 12 to A H 9/4 It. at 2.28 sighted land bearing A by Ot. 4 M. Altend of watch bake agulhas bork Aby 6. anervid 36. 38. Steam Ho. Revolutions 47. Signed. C. P. Olus. Liest 4 to 6. C. M. Pleasant weather, Thish bruge from S. E. Smooth seas Mustered at quarters at 4, 45, at 11. 48 changed course to NW 3/4 A. patent log 66, 5 knots, Steam 39 lbs. Chos 47 Ameroid barons et is 30.34. Signed, W. M. Brivins. Lund blo 8, C. M. blear and pleasant. Frush bruge from S. E. Smooth Rea. Steaming un der six boilers. al dark high land in sight on port beam, distant about 20 miles. Patentlog 96.3. Orneroid 36.35 8 P. M to Midnight, Clear and pleasant weather, Fresh bruge from S. E. Barboneter falling slowly, at 11. 30 Thanged course to In. M. It 3/x It by order of battlain, palent log 29.8 thous, Under steam pand Rail, abil 45 took in topgallantsails and foresail, Pressure 41 lbs, making 49 swolutions. Ameroid baronseter 30. 30 Pathog 34.8.

Moonstonied Examined and found to be correct.

Ohase Gull moon

To Howken

Variation of the Compass by

Making passage from Mozambique to Cape Town, S. Ofrica.

-	ma	Her	ug.	prassage	from the	oza	n	beg	ue	to	Da	the	Journ	v. D. C	y	uci	W.
					WINDS.			BAROME	TER.	TEM	PERATU	RE.			ear bs.		
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths	State of the Sen.	Record of the sail the vessel is at end of watch.
	A. M.																
	1	10	2	N. N. 24 94.94	8.6.	5		30.08	66	64	61	63	be	Cir. Cum	4	al	
	2	9	6	OX 6.	,	5		20.05						,	5	,,	
	3	9	0.	Standing a-		5		30.00				63	,	,	5	,	
1375	4	8	0	good Hope		5		29.95			55.55	63		"	8	"	
	5	8	0	into to ape Inon	,,	6		29.94			1000	63	4		7	,	
	6	8	0	Harbor.	,	3		29.95	65	62	60	63	"	,	7	"	
93.2	+ 7	8	0		,	5-7		29.95	65	62	60		beg	,	5	"	
1820	8	Mo	one	d S	"	5.7		29.96	65	19	63		-	"	6		
10 20	9	,		"	,	4-6		29.96	70	70	63			-	6	"	
	10	"		"	,	4-6		29.98	70	70	64		,		6	"	
	11	"	-	"		4.6		29.98	70	70	64			"	7	,	
	Noon.			"	,	4.5		29.98	70	71	65		,	"	7		
Distance run by Log since preceding Noon 1711 knots / fathous.																	
Latitude by D. R. at Noon																	
Longitude by D. R. at Noon																	
		Latitu	ide by	Observations at N	oon O											"	
		Longi	itude	by Chronometer fro	m Forenoon Obser	rvation	s O								,	"	
		Curre	ent du	ring the time	knots	fms. p	er ho	ur, setting	to th	ne .							
		Varia	tion o	of the Compass by	Amplitude O obser	rved at	Sun	rise						•		"	
		Varia	tion o	of the Compass by A	Azimuth O observe	ed at									,	"	
		Wate	r exp	ended during the pr	eceding 24 hours									300	, g	allons.	
		Wate	r		during the pr	ecedin	g 24	hours								"	
		Wate	r rem	aining on hand fit f	or use at Noon									190	0	"	100000000000000000000000000000000000000
		Coal	consu	med during the pre	ceding 24 hours								12	tons /3:		lbs.	23363
		Coal	rema	ining on hand at No	on								44	H.	38	"	
		_		1	,												
	P. M.																
	3	low	ed	8.	8.	4-5	+	29.98	72	74	64		be	Cir	9	10	1
	3	"	100	,,		4-5	-	29.96	/	/	64			-	9		
	3	"		,,		11		29.94	/	1	64			"	9		
	4	"		,,	,	11		29.92	V	1	64	4			8	,	
	5	"		,		4	-	29.92	/	1	-64		"	-	-	,	
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	7			,	"	11		29.92	X	/				1	1	, "	
	8	"		1×6.	8 x 6	4		29.92	V	Y				"	8	-	
	9	"			,	4	-	29.92	1	1.	1.		-	1	8		
	10	"		"		3		2901	140	1			*	-	9	,	
	11	"		Or W	AN	3		29.95	70	1		,	-		9	-	
	Mid.	,		,,	1.77	2		29 95	60	. !	1		,	"	9	-	
								1.7	1		1		1	"	17	"	
		Long	itude	by Chronometer fre	om Afternoon Obe	ervetic	ne O										
				by Chronometer fre		- Action		*							,	"	
				of the Compass by		served	at C.									"	
				of the Compass by	- impirede Obi	or veu	at Ol	meet								"	1

Commences, and until 4 a.M. Weather partly cloudy and gool, Strong bruge from S. E. Garometer falling. at 12 eighted Cape of Good Hope light bearing N. A. E. Changed course under direction of Commanding Officer by bearings of lights. Sighted Robbin Island Light at 3.30. bearing & & by & /4 & and breen Could light at 3.45. bearing & /6 N. On eroid at end of watch 30.18. Steam 46 lbs.

Owolestions 48. Jable industain in sight to Ed.

Signed.

Lint

4 to 8. a. M. blear and evol. Strong S. & wind falling light, with frequent squalls latter part, Standing into bape Town harbor under direction of Commandering Officer. Of 6.50 Capitain of Sort came on boardand at 1.15 let go the port anchor in 6/2 faths water, vived 15 faths of chain, and let go the starboard anchor, vering be fathous on starboard chain, and be more on hort chain, Sent down to hallant yards and masts. Sanked fires heavy Ships draft ford 13 ft. aft. 15 ft biw. Ashervid barow eter 30.16.

Signed. W. M. Srwin. Liest
I a. M. to Meridian. Clear and pleasant with fresh squally bruges from South. Accerded visit from board of officers of Hod. G. M. S. Mouve, Wirbert jib and flying jib and regged in both head booms, blear hause. Seary banked flires. Ameroid 30.05.

Signed N. J. J. Halpino. Ensign Meridian to 11 P.M. Olear and pleasant, Fresh bruge, gradually de-preasing to moderate bruge from South. Banked fires blear hawse. and ervid 30105. evoid 30105.

Ligned. Wainwright Stellogg. Lient
14 to 8. P.M. Olear and pleasant with moderate breeze from Louths

Bove up starboard anchor. Ganked fins. Ameroid barocheter 30.10.

Ligned. N. J. S. Halpine. Ensign.

8 P. M to Midnight, Blear, and pleasant. Light variable, airs. Pright moonlight, Ganked fins. Ameroid 30.15.

Signed. Wainwright Hellogg. Level

Moonlanid Examined and found to be correct.
Thase. Full moon

Dint's Navigator.

Longitude by Chronometer from Observations

Variation of the Compass by

Variation of the Compass by Amplitude observed at Sunset

Cape Town africa

,					la	he	To	wn.	a	pr	ver	N.					
Ī					WINDS.			BAROMET	TER.	TEMI	PERATU	RE.			lear ths.		
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water nt surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Eea.	Record of the sail the vessel is unatend of watch.
	A. M.			-									,				
1	an	cho	red		ct. Of	1		29.95	66	611	61		be	cir	9	8	
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	4	"			"	1		29.95		,			*	"	4	*	
	5					1		29.97			1000		bend		0	•	
	6	do	1.		8.24	1		29.99					"		0	"	
		do	10		0.11.	,		29.99			58		•	,	0		
	9				"	1		29.99			10000				0	133	
	10					,		30.02					oe .		0		
	11				"	1		30.02					red		0	13	
	Noon.				"	1		30.02	The second second				"		0		
		Dista	ice ru	n by Log since pre	ceding Noon									knots	fatl	noms.	
				D. R. at Noon										•	,	" .	
		Longi	tude l	by D. R. at Noon											,	"	
		Latitu	de by	Observations at N	oon O									•		"	
		Longi	tude l	by Chronometer fro	m Forenoon Obse	ervation	s O							•	,	"	
		Curre	nt du	ring the time	knots	fms. pe	er ho	nr, setting	to th	е							
		Varia	tion o	f the Compass by A	Amplitude O obse	erved at	Sun	rise							,	"	
		Varia	tion o	f the Compass by A	Azimuth O observ	red at								•	,	"	
		Water	expe	nded during the pr	eceding 24 hours									1100	g	llons.	
		Water			during the p	recedin	g 24	hours								"	
		Wate	rem	aining on hand fit f	or use at Noon									1500		"	
		Coal	eonsu	med during the pred	ceding 24 hours								21	tons 162	0	lbs.	
		Coal	remai	ning on hand at No	on								41	" 1050	5	"	
								1	-							-	
	P. M.				101			-									
	1	"			8.24	/		30.02	1				bemf	Cir Ouni	3		
1	9	"			"	4-3	1000	30.00		100			"	" 0	3	-	
	3	"			We A.	4-5		29.98	10000	65	1		-	ar eum	3		
	4	"			"	45		29.98	100				be	Cir Cun	1	-	
	5	"			1 101	11		29.99	10000				*	"	5		
	6	"			N. N. V.	3		30.00	1				,		15	7 765	
	7	"			"	/		30.00		10000			"		4		
	8	"			"	1		30.00					"	"	8		1
	9	"			"	1		30.00			1000		"	"	17	200	
	10	"			*	1		STATE OF STREET	10000				"	,	8	3 333	
	Mid.	"			,			30.00					*		8		
-	and.	•			"	1		30.00	68	00	58		"		1		
		Lor	tud	bu Character A	10												
		Long	ande	by Chronometer fro	an Atternoon Ob	servatio	ns O							•		"	-

Donnences and until 4 a. 7	W. Generally of	lear and pleasar	twith light
bruge from N. H. Rising baron the docks. Ameroid baroneter 30.	reter. at 2. h la	rge australian e	learner left
the docks. aneroid barometer 30.	11. Banked fires.		B.
10000 61 1	segned.	Il J. Sears.	ousign,
way went into basin and &	egwith fine dr	Started lines P	- got under
Pay Dept, 172 lbs. each, of fresh	buf and vegeta	bles and 138 loaves	of bread.
Overvid baroweter 30. 22. at H.	48 sent up topg	allant masts.	2
	signed !	N. J. L. J. Halpino.	Ensign.
8. a. m. to Meridian. Cloudy. M. R. S. Mackengie was det	Driggling rain	last hour of wall	chi decillo
Meridian to 4. O.M. Misty	Loggy and ege	wally first three n	lours of watch.
Meridian to 4. O.M. Misty Galling baronster. Sight dirs	to stiff bruge ble	verigin equals.	meroid 30.18.
100.11	signed.	M. J. Sear	1. Onsegn
How, haveling to A. N. Wand	tweather. Mo	Barrest bruge from	Moy M. ferst
dock, al 4. 550 received an offe	icial visit-tros	w bounda Officer	of 969 9. M.S.
Mouve, al- 4.45 mustered atg	newino, moun	ca vacomento co. Le.	0
		, ,	1
8 .M to Midnight, Clear, an			
from N. N. V. Steady barons	eler. Oy order	of commander	disorderly
in double wond for a de kulo	ing I.M. Call	ry (209) John Car	son (104.)
fal Mi Girle Sea S. M. Sec,	Des. M. Pirco.	Sea? a. bocher, 108.	
fal M. Girley Sea) S. 18 Sec,	Signed.	W. J. Sears.	Gusign.

Moon Lanid Examined and found to be correct.

Ohase, Full moon!

Her Ray Ravigator.

Variation of the Compass by

				Map		0	wn.	0	·	fr	ici	a.				
				WINDS.			BAROMET	TER.	TEM	PERATI	URE.			5 6		
Hour.	Knots.	ms.	Courses steered.	YIGH		ď.		- 193				State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the	Record of the sail the vessel is under at end of watch.
		Fathoms.		Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Dry Bulb.	Air Wet Bulb.	at surface.	by symbols.	symbols.	Prop Sky, i	Sea.	ar end of Habell,
A. M		7														
A. M	7	1	61	del			0	1	-,	-			Cum 1.			
en	0	or	n	01.91	1-2	-	30.00					oc	nuel	0		
2				"	2		29.98	1000		-		"	"	0		
3				,	2		29.96	65	59	58		"		0		AND REAL PROPERTY.
4				"	2		29.94	165	88	56		,	"	0		
5				AND	4		29.92	60	08	56		oer	sin by	0		
6			-	N.	3		29.93	60	58	56		"		0		
7				A21.	3		29.94	60	58	56		"		0		
8				,	3		29.94	60	58	56		oc	"	0		
9				"	3		29.94	161	58	55		,		0		
10					3		29.91	61	58	55	-	be	air eune	2		
11	100				3-4	,	29.08	60	58	53	-	bear		11		
Noon					9-5		30.01	,				1	,	6		
				,			4,0,									
	Dist		b T													
			an by Log since p	preceding Noon									knots	fati	ioms.	
			y D. R. at Noon											,	"	
			by D. R. at Noon										•	,	"	
	Latitu	ide by	Observations at	Noon ⊙										•	"	100000000000000000000000000000000000000
	Longi	tude	by Chronometer	from Forenoon Obser	vation	s O							•	,	"	
	Curre	nt du	ring the time	knots	fms. po	er hot	ır, setting	to th	ie							
	Varia	tion o	of the Compass by	y Amplitude ⊙ obser	ved at	Sun	rise								"	
	Varia	tion o	of the Compass by	Azimuth O observe	dat								•	,	"	
	Water	rexpe	ended during the	preceding 24 hours									400	ga	llons.	
	Wate	r		during the pro	eceding	g 24 ]	hours								"	
	Wate	r rem	aining on hand fi	t for use at Noon									1100		"	
				receding 24 hours												-
			ning on hand at l									,	tons 40	5	lbs.	
	Coar	remai	ning on nand at	Noon								41	" 68	0	"	
Р. М.										1				T	T	
				101		-						1				
1				A21	4		30.05					be	air au	6	-	
3				,	11	-	30.06					"	-	6		
3				21121	4	130	30.07	61	60	54	1	,		1		
4				,,	4		30.08					4	"	5		
5				det.	4		30.18	100000				"	"	4	1	
6				,	3		30.09	100000	100	1000	1	"	-	4	1000	
7				.,	3		30.10					"	"	6	755	
8					3		30.10	6,	60	13				7		
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10	1				1000		100000				3	,	1	7		100000000000000000000000000000000000000
				"	20		30.16		1			bed	-	8	7777	
11	-			,	2		30.16					-,	-	8		
Mid.				,	2		30.16	60	56	52		be	"	0		-
7								-	-					-	-	
	Longi	tude	by Chronometer	from Afternoon Obse	rvation	ns O								,	"	
	Longi	tude	by Chronometer	from Observations			*							,	"	
	Varia	tion o	of the Compass b	y Amplitude obse	erved a	at Sur	iset								"	
	-	1111111	etha Campan b													The state of the s

, U. S. Navy,

, 18811.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ham, Concast cloudy and damp. Light n Wherege ameroid barometer 30.18. Signed. P. O. Oilter Ensign 11 to 8. a.M. Weather overcast and dainy. Sight to moderate bruge from H. H. to N. N. 8. Made preparations for coaling ship. The English mail steamer came in and went alongside her dock, By order of bounding Officer released 16. M. Caffrey, Cal Ja! M. Birley Sea' M. Peiro Seal S. M. See Ido and a Cocher 100 Fine ) from confinement. Ameroid baronseter 30.18.
8 a m to Meridians. Signed. Karl Cohrir. Tent
bloudy with quite bruge from IN. blowing in equalls last hour of watch, Rising barometer, By order of louding Officer confined the following men for being drunk on board ship: M. leve. os' & days verigle irons. I. It. See (CN) 5 days shigle irons. H. M. baffry (al) drunk and disorderly 5 days single wons. A It. Hain (PM) drunk on board ship odayo double wond, J. Willespie BS, drunk, I days single froms. Ja! Mi Gurley bed' 5 days double from for drunk and disorderly, M. Peirce Sea' drunk and disorderly odays double irons. Benj " Campbell. C.M. drunk on board, Jdays double wons. Tho! Room, 2081 dunk on board ship odays single irons. John J. Walton De Gr drunk on bourd Chip. 5 days single irons, a. Oocher, 104 drunk and disorderly 5 days Ringle isons S. M. See, Sels) drunk and desorderly odays emple works Donidg Officer left the ship to pay an official visit to the Booknot Coaling ship. Turcola Me bee Sdd left the ship without permission. Ameroid 3.211. Meridian to 4 P. M., Signed. W. J. Sears. Ensign. Oleas and weather, Moderato briege from M. M. W. Baroneter pising Counding Officer returned on board after making official calls on the Lovernor of Cape Colony and U.S. Consul, S.M. See Sds 'seturned on board and was placed in single irons. J. F. Nederger Drum absent from ship without nermission, Codling ship, Ried on board in Equipit Dept: @ tins of red paint, each 56 lbs. I the of red paint 14 lbs. 3 tins white lead 100 lbs each, it time gine 14 lbs each, 3 ties of black japan, 6 ties of boiled oil, 2 cases of turkentine. 2 of Copal varnish, 3 of demar varnish I gross brass serews. 14, 1 of 1/8", 8 lbs brass wire Ilbs copper wire, 1/2 doz brass door locks. Othe chromegellow, 1lb oaw umbers of marine blue, 6 lbs of our tian red, 8 lbs patent dryers, 10 galls of alcohol. Signed, R. O. Bitter. Ensign 4 to 8. O.M. Carty cloudy, cold, and pleasant, with moderate bruge from N. It. aising baron ter. aneroid 30,34, Octon board 15 20 bags of coal. Signed . Of Sears Ensign! 8 C. M. to Midnight, Clear and good with light, driggling rain during watch Sight All bruge, By order of bounding Offich placed L. Deistel Willis for being tinder the influence of liquors and resisting sentinel, and losporal of buard, Ameroid barowelle 30.36 a. O. Sittler. Ensign Signed. Moowlonid Examined and found to be correct. Dec 18° 12' 13" ch. Phase . Full moons Waring Re-Recent Lieuty Navigator.

Cape Town S. africa.

				rougo					1					100		
				WINDS.			BAROMET	TER.	TEM	PERAT	URE.			ec.r.		
Hour.	Knots.	118,	Courses steered.	To the last		y.			Ain	Air	Water	State of the Weather.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the	Record of the sail the vessel is under at end of watch.
		Fathon		Direction.	Force.	Leeway	Height in inches.	Ther. att'd.	Dry Bulb.	Wet Bulb.	Water at surface.	by symbols.	symbols.	ky. ii	Sea.	as due of which,
		4				1								0.00		
A. M		,														
1	1	le .	dock	8.24	1		30.16	100	06	53		oon	minh	0	6	
2			0,0					1000			100					
			*	10	1		30.16					",	"	0	"	
3	180	-		AB	1	-	30.16	60	06	52		be	Cir Cum	3	"	
4				"	1		30.16	60	56	52		,		2		
5			,	68.6	1		30.18	58	55	52		,		11		THE REST OF STREET
6					,		30.20						1	5		The state of the s
-			*	*								-			"	
7				"	1		30.21						"	11	*	
8	-	-	,	AN.	1	-	30.23	57	56	53			*	21	"	
9				,	1		30.24	57	56	53		,	,	3		ALL SECTION OF THE PERSON OF T
10	100			,,	1		30.26	. /					,	3	,	
11					,			1	/	750		bed		2	100	
			"	,			30.27	/				vea	-	100	"	
Noon			,	"	/		30.27	60	58	53	-	-	,	2	"	
	-				_		-							1		
	Dista	nce r	in by Log since pre	ceding Noon									knots	fatl	noms.	
														,	"	
			y D. R. at Noon													
-	Longi	itude	by D. R. at Noon										•	-	"	
	Latitu	ide by	Observations at N	oon ⊙									•		"	
	Longi	itude	by Chronometer fro	om Forenoon Obser	vation	s O							•	,	"	
			ring the time				un sottino	40 41								
							ur, setting	to th	ie							
	Varia	tion o	of the Compass by A	Amplitude ⊙ obser	ved at	t Sun	rise						•	•	"	
	Varia	tion o	of the Compass by A	Azimuth O observe	d at								•	,	"	
	Wate	r exp	ended during the pr	eceding 24 hours									1/0	92	llons.	
	Wate	-	distilled	during the pro	andin	. QA	house						200		"	
					ceum	g 24	nours								-	
	Wate	r rem	aining on hand fit f	or use at Noon									100	0	"	-
	Coal	consu	med during the pre-	ceding 24 hours									tons 16	100	lbs.	
	Coal	remai	ning on hand at No	oon								110	" 129	18	"	
													/			
Р. М													T		T	
		-			-	-						1		-	-	
1		-	,	01.21	3		30.26	60	58	53		be	Cei cum	2	"	
3			"	"	11		30.26	60	58	53		bed		2	,	
3					11		30.26							1	-	
			"					15000	1000		10000	"	"		"	
4		1	"	,	3	-	30.26			1000	-	-	4	2	"	
5				,	2	1	30.27	09	08	50	-	be		2	"	
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7		-			2	1	30.28	1							-	
		-			2	1		1/	6.00	9 190	1	,	"	1		
8	1		*	11		1	30.28	1	58	00		"	"	3	"	-
9	1	-		8.24	3	-	3.30	59	58	50	1	"	"	9	"	100000000000000000000000000000000000000
10				,	3		30.30	69	18	50		,		9		
11					3		30.30	1/	59					8		
		1		"		,	A 1000 A 100 A	100	/	1	1	"	"	1		The state of the s
Mid.	1	1		"	4	1	30.31	60	57	100	-			8		
	-	-			-				-	1	-	1				
	Long	itude	by Chronometer fro	om Afternoon Obse	rvatio	ns O							•	,	"	
			by Chronometer fro				*									
														-	"	-
	Varia	ation	of the Compass by	Amplitude > obse	erved	at Su	nset						•		"	
	Varia	ation o	of the Compass by		at										"	
-																The second secon

Bounder enady. Ameroid at and of watch 3.38.

Garonelis eleady. Ameroid at and of watch 3.38.

Lot. a.M. level but pleasant with light brugge from East. South East haveling to North Mest last how of watch. Cuting baronnels. At b. Eurman man of watch of who have haveled out from the dock and webt to eas, J. G. Geology. Dum) absent without leave, Ameroid 30.111. And 1936 lbs of fresh refund and plates 888 los any broad with the said last two hours. Light Albrigging to an last two hours. Light Albrigging of the files of the said of

Moon Louid Examined and found to be correct.

Phase, Full moon,

W. Reev Die & Navigator.

Cape Town S. africa

				WINDS.			BAROME	TER.	TEM	PERATU	TRE.			lear be.		THE RESERVE
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is unat at end of watch.
A. M.			,	,								,				
1	0	m,	dock	8.	11		30.32					be	air aune	8		
2		-	"	,	5		30.33	1				,	,	7		
8			,	"	11		30.32					•	."	8		
4			,	,	5		30.32	1				"	"	8		
5					2		30.38	1000				-	"	7		
6	100	-	,	•	3		30.38			-			"	6		
7		-	,	,	3		30.38	10000	7000				-	6		
8			,	"	3		3,38	100000		THE REAL PROPERTY.		"		7		
9			,	"	3		20.38	1000		10000		"		8		
10			•		3		3a38	1000	100000	43000		,	-	8	1	- N - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
11			,	Str &	3		3,38	- 10000				,	-	8		
loon.	-		,	•	3		30.99	61	65	56		"	"	8		-
		-			1		-									
	Distar	nce ru	n by Log since pre	ceding Noon								-	knots	fatl	ioms.	1
	Latitu	de by	D. R. at Noon										•	,	"	
	Longi	tude l	by D. R. at Noon										•	,	"	
	Latitu	de by	Observations at N	oon O											"	
	Longi	tude l	by Chronometer fro	om Forenoon Obse	rvation	s o								,	"	
	Curre	nt du	ring the time	knots	fms. p	er ho	ur, setting	g to th	ie							
	Varia	tion o	f the Compass by	Amplitude O obse	rved at	t Sun	rise						•	,	"	
	Varia	tion o	f the Compass by A	Azimuth O observe	ed at								•	.,	"	
	Water	expe	nded during the pr	eceding 24 hours									350	ga	llons.	
	Water	a	listilled	during the pr	recedin	g 24	hours						1300		"	
	Water	r rem	aining on hand fit f	or use at Noon									2650	,	"	*
	Coal	consu	ned during the pre	ceding 24 hours								2	tons 62	0	lbs.	
	Coal	remai	ning on hand at No	oon									" 67.		"	
										3.7			/			
P. M.															T	
1			-	balm	0		80.39	63	16/	50		1	Cir Cun	8		
3				W.	1		30.00					ve	Ger Cur	-		
3				1.	1	12	30.80	_		_	_	,	"	1/		
4				"	1		30.35	1000		1000	1000	"	"	17		
5				8. 8.24	1		20 10 10 10 10 10 10 10 10 10 10 10 10 10	10000	100000	1000	-	"	"	8		
6			"	0, \$. 11.	,		30.30		200000		_	"	"	9		
7			"	"	1		30.30			4000		"	Cir	9		
			"	"			30.36			90000		"	"	9		
8			"	"	1		3.35				No.	"	"	9		
9			"	"	2	-	30.34		1		10000	"	Circun			
10			"	"	3		30.82	10000	-	10000		"	"	8		
11			"	"	11		30.32					*	"	8		
Mid.			"	"	2		30.00	63	60	07	4	",	"	9		
-						1			-	1		1				- Committee of the Comm
	Longi	tude	by Chronometer from	om Afternoon Obs	ervatio	ns O								,	"	1
			by Chronometer fro by Chronometer fro		ervatio	ons O	*							,	"	4

Variation of the Compass by

under the command of Commander a. H. M. Commick, U. S. Navy, Saturday. November 8th, 1884.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dommences, and until H. a.M. Clear, and good Fresh Sly bruge, Steady barometer. Bright provonlight, Glood tide. Distilling. # to 8. a.M. Pleasant weather, Gentle & bruge, Henry Hilson, Cott returned on board having been absent without leave. al 4.30 dis covered that gatamaran had been lowered, during the night, and had, disappeared, Ameroid bar, 30.56.
Signed. R. O. Bitler. Ensigne
8. a.M. to Meridian, blear, and pleasant weather, Gentle bruge from & to Aby 6. Garoneter steady. at 9.30 mustered at quarters, By order of bounding Officer a reward of lew dollars, each, was offered for the apprehension and delivery on board of the following marred men: b. barter Go! W. J. Bernett Pefee) O. M. Reon. 108! Chal barroll DiMr' B. Sake (PM) a. W. Garclay; Os' R. Cusson. (OS. 1 G. Mahoney, Seal C. b. Saltz. Chu) J. a. Coban, OSI J. J. Clark, OSI b. G. B. Fillet. (OS) F. a. Smith Sed Levisel J. Dudley (L. D.) O. Smith (DI) L. Thompson (Sea) J. P. King. and a. Hilson (S. H.) and R. J. M. Farlane, Seas; also teventy dollars reward for the following; viz James White. (IN) bhat a. Lindner (Es) 6. O. Thomson (OS) a. & Newry OS. and J. F. Hedenger. Drum) Ameroid at end of watch 30. 56. Signed. 6. P. aus. Lieut Meridian to 4 C.M. Clear, and pleasant, Gentle Slybruge shifting to Nby E. Slight rise in barometer, Flood tide. Rice on board in Cay Dept: to bags of bread, 15 bbls ports, 10 bbls buf, 15 cans tomatoes. 8 bbls flower, 8 bbls flower, beaus 56 cans preserved meat, 9 cans pickles, 9 bbls of sugar and one case of socks; en Construction Dept one topmast stunsail boom and 125 lbs of black paints in Aavigation Department 100 galls of oil, 2 shades for our ming lights.

Ligned, U.S. Harmund. Ensign

4 to 8. C.M. Weatherslear and pleasant, light bruge from S. S. Vr. Baronseter steady. Mustered at quarters at 4.45. By order of Cound's Officer paid rewards of lete dollars to police authorities for the apprehension and deliving on board of Cha! Carroll. (De Me) P. M. Keon, 129' and andreas Cous. Cainter and placed andreas Bous, and J. F. Wedinger Drum) in double wons until few ther orders. Ameroid at end of watch 30.31. C. P. aus. signed. 8 C. m to midnight, blear and pleasant, Sight L. S. It breeze, Slight fall Leave were brought on board by local police, b. O. Thomson (OI) absent without leave betweened to the Ship. Confined P. Mahoney Sea) in double wons for safe keeping. Ameroid baron eter 30.48.
Signed. W. S. Hannum. Ensign

Moon lanid Examined and found to be correct.

Ohase. Field moon

W. Reel Zuit & Navigator.

Variation of the Compass by

LOG of the United States Steamer Essei Dape Town. S. Ofrica.

_	1,			-04	ne		own	/. /	cw.	1	no	cu.				
	-			WINDS.			BAROMET	TER.	TEM	PERATU	TRE.	State of the	Forms of	of Clear in 10ths.	State	Record of the sail the v
Hour.	Anota	Fathorns	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Sky, in	of the Sea.	at end of wat
A. M.												,				
1	0	tu	dock	dorsk	2		30.28	62	59	54		be	Liv Quen	8		
2			"	"	2		30.27		/			,	"	9		
3			"	8%.	2		30.26						"	9		-
4			*	"	2		30.24	61	57	52		"	"	9		
5			"	Var	0-1		30.22	60	54	03		,	Civ stra	19		206.000
6			"	"	0-1		30.28					"	Cin	9		
7		-	,	CNW	1		30.23					. "		9		
8			,	,	1		30.28	1				"		9		
9			,	"	1		30.23	/		,		"	*	9		
10		1	*	"	1		30.23					"	-	9		
11		1	"	"	1		30.23	1				"	Circum	8	13	
Noon.			,	"	1		30.20	0/	66	60		"	"	18		
			by Log since pred	ceding Noon									knots		homs.	
			D. R. at Noon											1	"	
			D. R. at Noon												"	
			Observations at No											,	"	
			ng the time	m Forenoon Obser												
				knots Amplitude ⊙ obser			ur, setting	g to th	le					,	"	
				zimuth O observe		Sun	rise							,	"	
			ded during the pro		u at								200		llons.	
	Water	1		during the pr	ecedin	o 24	hours						200	8	"	
		emai	ning on hand fit fo			5							235	0	"	
			ed during the pred										tons 16		lbs.	
			ng on hand at No									07		18	"	1000
			•									/		,		
P. M.															1	
1	In	, de	rch	ON &	1		30.18	6	68	60		be	circum	2	,	
9			"	"	1	1	30.18	/				,		8	100	
3			,	,	1		30.16	1			1000	,	"	8	B 2000	
4	100		,	Of	1		30.16					,		8	-	1
5				,	1		30.11				_		"	8	1	
6			"	"	1		30.11	_				,	"	8		
7			,	"	1		30.11				,	"	,	1	1	
8			*	,	1		30.14		1			"		6		
9			,	,	1		30.14			1		,	"	19	-	
10			"	"	1		30.14					"		18		
11			,	"	1		30.15			1		,		8		
Mid.			,	"	1		30.16					,		8		
		1	-					1	-	1	1					
	Longitu	de by	Chronometer fro	om Afternoon Obs	ervatio	ns O								,	"	
	Longitu	de by	Chronometer fro	om Observations			*							,	"	
	Variatio	on of	the Compass by	Amplitude obs	erved	at Su	nset								"	

Commences and until Ham. Clear, and gool. Light bruges from nn H. hauling to S. W. Chal B. Fillot (Os) was brought on board by police authorities from shore. Aneroid barometer 30.43. Ho 8. a.M. Weather clear and pleasant, but the bruge from W. H. Barometer steady John R. boban. OS and J. J. Buckley (10app) were brought on board by police authorities. America at end of watch 30. 12. Samto Meridian. Charand warm, Light n. W. bruge, Parometer steady By order of bounding Officer confined Q. a. Sindner or Ja! White and and 1. O. Thouspoon in double from for lase keeping, they having been absent without leave, Paid a reward of £2% for the delivery on board of Frang Mickman. (OH). L. J. Schuman. (box) a. E. anderdon, Seas and Ja! Killy. (Seas reported the experation of their terms of enlistment. At 9, as called all hands to muster, read particles of war; immediately after mustered at quarters; the following men absent without leave, H.J. Bennett, P. Geo! L. S. Dudley, (2. S.) J. C. King. arm.) a. J. M. Farland, Sea) a. E. Henry Od. 1 John Sternedy (26 mach.) Vr. & Tripp. 01.201) H. Aines, 208.) J. G. Whitcomb Do Mr.) alex. On tow. (OS) S. Karlsen, (CA). Louis Deistel. On Mo reported expiration Meridian to 4 P. M. Clear and warm, light airs from N. B. A. Mines 2001 alex. anton. OSI and S. Starlsen, C.H' were brought on board by police pand a reward of ten dollars, each, was paid for their delivery ameroid 3 arg. Signed W. M. Swin. Lint 4 to 8 8. M. Clear and pleasant, Light My bruge, Steady barometer by order of Comman ding Officer confined John Kente dy DeM in 8 P. M to Midnight, bleav, and evol. Sight bruge from It, The police an thorities brought on board the following named men who had been overtime or absent without leave, f. P. Sting arm', f. b. Whitcomb, De Mr. Rob 6. Henry (OS! W. G. Tripp (OS Del) L. S. Dudley (I. L) and R. J. M. Farland (Sea). By order of boundy Officer placed W. G. Trippe Ob 261 in single wons for safe keeping. androed baroweter 30.34 21. M. Frevin

Moon land Examined and found to be correct.

Phase, Last Quarter

W. Keelist & Navigator.

Longitude by Chronometer from Observations

Variation of the Compass by

Variation of the Compass by Amplitude observed at Sunset

Steamer Essex Cape Sown S. aprice

					10	apri	ed	Town	v.	S.	de	lu	ed				
F	-										-						
	Hour.	Knote		Courses steered.	WINDS.			BAROMET	ER.	-	PERATU		State of the Weather. by symbols.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the	Record of the sail the vessel is
	Irour.	Alloca	Pathoms.	Courses sected.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Wet Bulb.	Water	by symbols.	symbols.	Prop o	Sea.	at end of watch.
1	-		4				7			-	-				2 30		
1	A. M.			,	1.1								1	Came			
1	1	1	U-a	lock	8.9%.	1		30.16	65	63	63			ar can	7		- 11-14-HERE
1	9			"	"	2		30.15	64	68	63		ber	aunis	3		
	3				"	2		30.15	64	63	62			"	6		1
	4				,	1		30.15	64	63	63		be	"	7		E3 (855)
	. 5					1		30.15	64	63	59		,	"	6		
	6				"	,		30.18			/				5		
	7				North.	1		30.18					,		11		
	8					2		30.20					"		5		
	9				124	2		3.22			95.60			cir que			
	10			*	000.	2		30.211					"	ger geen	5		
1				"									"	-			
	11			•	"	4	100	30.25	-				"	-	11		
	Noon.			•	Sx H.	4		30.25	68	62	04		"		11		
-																	
		Dista	nce ru	n by Log since pre-	ceding Noon									knots	fatl	homs.	
		Latitu	ide by	D. R. at Noon												"	
		Longi	tude b	by D. R. at Noon											,	"	
		Latitu	ide by	Observations at N	00n O											"	
		Longi	tude b	by Chronometer fro	m Forenoon Obse	rvation	is O								,	"	
				ring the time				ur, setting	to th	he							
				f the Compass by A							•				,	"	
							Cour	II ISC								"	
				f the Compass by A		ed at								-			
				nded during the pro										33	0 g	allons.	
		Wate	r		during the p	recedin	g 24	hours									
		Wate	r rema	aining on hand fit f	or use at Noon									200	0	"	1
		Coal	consur	med during the pred	eeding 24 hours									tons /2	98	lbs.	
		Coal	remain	ning on hand at No	on								35	" 17	60	"	
-			_											/			
	P. M.																
	1	1	1/1	rek	8×24	4		30.25	1.3	60	54		1/2	Cicum	u 5		
1	. 9			S 82/x8		4		30.25	-			-		- Court		1	1
7	3		no	011-10	89/x8.	1					1000		"	"	6		
	4	-		,	011-0.	3 200	1	30.25				-	1		6	"	1
1		1		"	"	5	-	30.25					4	1	7	"	-
	5	-		0		3-5	1000	30.25	1000		1000			-	6	"	
-	6	4		11	"	3-3	1	30.20					*		6	-	
-	7	,		"	"	3-5		30.20	64	161	53			"	6		
	8	"		,	"	3-5		30.25	64	161	53		"	,	6	"	
	9	"		,		30	-	30.25	62	58	51		bea	Çis	9		
	10	-		,	,	40	5	30.20	4000		1000		1		9		
1	11	"	1		,,	5-6	1	3.20			-		"		9	,	
	Mid.							30.20			400		"	"	1	"	
1		"	1	-	-	0-	1	20.20	101	08	01	1	"	"	1	"	
		-															
			itude	by Chronometer fro	om Afternoon Obs	ervatio	ons ©									"	

, U. S. Navy,

, 1884

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

, +1.100	4.	. 11	111		
Commences and until H.am	. Jaw and	pleasant.	with light o	ceasional ra	en
a large eteamer game into ma	roor and a	inchored, C	burved baron	neter 30.38,	
	magin	ea, VI. fea	. J. Stuenico.	· ensu	ym
1 + 8 a. M. Cartly cloudy, Si	leasantw	cather, 8.	It bruge first	hour Phisting	g to
A of grand S. It last holer. On	sing baron	meter, auc	din Pay Dex	ht 138 loaves of	bread.
mende brekarations for recei	ung eval,	anieroid b	farom eler 30, 1	10	
A. A. Hand S. It last hole. On made preparations for recei	Sia	med It Is	Hannum	Ensi	ans.
8 am to Meridian. Gartly	eloudel	moderate	bruse from	Att briefle	into
I by I and freshering!	houle to ale	it taking	in Butward (	Did the Lott	free
newards to police authorite	til will be	go surring !	tion of the	and the found	Sundo
DE Blo (011800 Colores	la Militi	e, for certies,	Hitooli DO	eng. uni /	1 Non
R. G. Henry Ost \$200; John . W. G. Tripp. Os. 261) \$1000; D	I Pariso	( ) A see	6 1. J. V.	on variand	Laj NIO-
W. S. drepp. Cs. 200 1 410 -; 2	D. Dudle	1. 22. 1810	-, Dulested	for cruise of	ves-
selfas landsman, Philip	Ripperch	am, and	discharged,	athes own re	quest
Swok ah swow. Or. a.b.	( Rec on.	board in	Jay Dept 17 to	is and 20al	sesof
coffee, 8 brooms, 5 bags of	nce. 11 ba	go of drie	d fruit and	2 lasks of or	col-
asses, and in Equiple De	ht. 1 gord of	Lwood, M.	ade prepar	ations for ca	est-
ing off from dock, aner	oid bar, 30.	41. Starter	& fires in 66	oilers at 9.20	5
ingoff from dock, Amer	S	igned.	Well I	revin. Lie	ut-
Meridian to 11 P.M. Fair ar	ed pleas a	Stwith m	oderate fres	hereing breeze	ed
from Nd and Nd, at 1.15 ca					
fathoms water, vuter harbor, w	itta hort on	raleur ande	stathones als	ain Bentino	11:
Castle S. W. Light House Or	Which as	aciones of	resimment de	hantments (	Pinned
with all of the	og or. on	3 11 Ban	be of Since weg	vacion mas,	liggia
outhead booms. averoid &	ransmille	00.40: Syan	Along of	W. 1. 8	
ute Day 1 1 1	1 . 1	rigned.	01. j. 2.0. 9	talpine one	egn
4 10 8. J. M. Dool; partly o	loudy, Wir	uld fresh in	equalls from	vod Centy	eb
4 to 8. P.M. Dool; partly of and flying jib, Sieured boa	to for sea, o	tires banked,	Uneroid ba	romeler 30:4	ð.
	. 1	signed,	W. M. Dreve	w. Lu	ub
8 P.M to Midnight, Clear a equalls. Bright starlight. Ex	nd pleasa	and with fee	ish bruge to m	roderato gale.	ind
Equalls. Bright starlight, Gr	is banked	6. aneroid	barometer 3	0.43.	
		Signed.	N.J. L. J. Stal	Spine. Euse	ign

Hoon I mid. Examined and found to be correct. Phase, Last quarter

W. Reel Links, Navigator.

Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

va	Maile,	0	Guns,

					- G	7-0	aj	ne so	w	u,	Ø.	uj	rica				
					WINDS.			BAROMET	ER.	TEMP	ERATU	RE.			bs.		
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.		Vater at urface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clea Sky, in 10ths	State of the Sea.	Record of the sail the yessel is under at end of watch.
	A. M.																
	Que	die	red	8.	116	5-4		30.20	61	58	57		bear	Cir Cum	8	8	
	2	"	···	,	"	5-4			61		100			,	8	4	
	3	,		,,	"	5-7		30.19		58			"	"	7	1	
	4	"		,	,	57		30.19	61	58	57		"	"	7	4	
	5	"		,	,	5		30.19	61	58	57		,		6	,	
	6	"		,	W.	3		30.19	61	58	53.		be	"	7	,	
	7	5	0	N. A. Sr.		2		30.19	61	58	63	38	"	,	8	16	Madesail to topsails. Took
	8	7	0	,	21824	3		30.20	61	08	53	58	,		8	,	main topsail. Let fores
	9	18	0	"		3.		30.20	60	58	54	58	,	"	7	4	af saisexoupt spant
	10	6	1	,	S. W.	3		30.20	60	58	54	58	,	,	7		bestopgatts & orgals
	11	8	5	,	"	3		30.19	60	59	06	58	*	,	7		
	Noon.	9	0	"	,	3			61	09	56	58	"	,	7		T. S.
								-		/					1	1	+
		Distar	nce ru	in by Log since pro	eceding Noon								43	knots 6	les fat	homs	
				D. R. at Noon										33 . 23			
				by D. R. at Noon										17 0 41	,	"	
				Observations at N	loon O									33 . 22	.,	15 "	
				by Chronometer fro		ervation	18 0							_ 0 _	,	_ "	
13	nr			ring the time	knots			ur, setting	to th	ie.				00	0	P	
, , ,				of the Compass by										0 -		- "	
				of the Compass by			Comb	1100							,	_ "	
				ended during the pr										30		allon	
		Water		shaed during the pr	during the p		c 94	hours						-	8	"	
				aining on hand fit		recedin	g 21	liours						17	2	"	
				med during the pre										1	00		
				ining on hand at No									168	tons 7	01	lb .	
		Coal	remai	ining on hand at Ive	oon								168	7,	70		
	P. M.						T										
	1	8	5	N. N.V	824x8	5		30.19	62	6,	56	60	be	li strat	8		1
	2	9	0	01.0111	211.2	5		30.19	100		1000	60		en peral	8		
	3	9	5	-		5		30.19			1/		"	Cir &	7	,	
	4	7	0	"	124	5		30.18		63	/	61	"		1		
	5	3	0	"	011.	5		30.18		63			"	"	5		
	6	8	0	"	SWes.	5		30.18	7	63		61	"				
	100000	8	1300	"	011-0.	5					1000	1000	"	Circum		90 83	
	7		0	"	"	100		30.11		10000	1000	1000		-	6		"
	8	8	8		1101	5		30.11	1000	1	1	1	"	"	0		*
	9	9	0	*	8. 8. %.	1		30.17		62	/		"	"	6	7	•
	10	9	0	"	"	5		30.17		1	59			"	8		"
	11	9	0	,	"	0		30.17			59		"	"	1	7	
	Mid.	9	0	"	"	0	-	30.15	62	- 62	-59	61			1	7	,
	-		-				-		1	-	-	1				1	
		Long	itude	by Chronometer for	om Afternoon Ol	servati	ons ©	)									"
		Long	itude	by Chronometer fi	rom Observations			*								-	"
		-															THE RESERVE TO SHARE THE PARTY OF THE PARTY

Communey and entil Ham. Heather char, and equally, a	Bruge stiffingqualle from S. S. B.	Parometer steady
Fires banked under six boilers, ancivid barometer 30. 4	6. (Signed) Karl Rohrer.	Lines
H to 8. a. M. Clear, and pleasant, Fresh bruge from	S. S. D. hauling to It, and faller	ia light there to
It I Hand slightly freshwing. Moderate era, at 4. 4	o salled all hands and horse to	port anchos: al-
6.18 elarled ahead, ibell, underdirection of boundar of	licer: organ Whell at 5.25 and or	and historyands
At 35 made sail to topsails, all 6.10 took in main topsail,	Utbys took departing Poblicies	Paid Rains
Both & dietant 3 miles shaped course & R. W. and putove	wholest long and triend 871/1 He	ents Stranguell
Aus 45, Palent log 99.3. By order of bounding Officier	the following burnishments w	ereossimued: in
each case, abs succevithout leave, J.J. Buckley, 400	hal 5 days bolitany coult on hor	adand water
Undreas Dous. Painter 3 days conft in double irons,	la P. Thomson (OD) descrited !	o Os 20h Janes
White, (CA) rodays constindouble irons from gt inst.	4 Stemmedy (2001) directed 1	2 10 Machinet
Il G. Tripp OS2C! disrated to 101.0pp: Q.J.M. Farla	and Lea' directed to Ord Serve P.	& Henry Od
distrated to 1 Cl. app. Chal a. Suidner Os distrated to	100kb. Also LA Hedenson	Deune to proset
trial by Courtmartial for same offence and Louis On	istil Della indano continudo	uble inves for
buigdrunk and disorderly. Signed.	WHI Jawian	· Sunt
8 am to Miridian, Clear, and pleasant, Gent	to Wand & Whouse Strade	Langue test
Moderate sea, all 9.15 inspected at quarters, By on		
(1cl. applin solitary confinement for 5 days "		
leave, Made plain skil to orgals except main sail, a		
46, aux 45, aneroid bar. 30. 42, Patent log 31. knots,	Signed Will Stanner	Enrice of
Meridian to 4 P.M. Clearand pleasant weather.		
steady. Under steam and sail, pressure Holls. rev 46. at.		
Annois barometer 30.38. Palent log 65.1 knots. Signe	1: Harl Police	di t
4 to 6. P.M. Clear, and fresh, al 4. 40 finished swinging	a child and stand one course A de	Windersteam
and sail to rough with an air to ail arout marin silla	of shouten alt 20 state by determine	and we am blod
hand sail to royals with main trysail, except main sail an	and of watch boolers los or a istered	and know a Presid
baronetin 30. 38 Milderen in a to Mendow court	watered of watch by a dies - N A	of Girls
bank, d line	of the de of the state of the	6. July
6 to 8 Pm Ohoutherd	a, Signal & Whild Born	meeting strady
Set fore taken to the it of the First of	Principle from Driver of During	mus premy,
propellor. Unberet cables and got anchors on bows. Ater barometer 30.38. Beld evening quarters. Versel on cours. banked fires. Signa blog. O. M. Weather clear and pleasant; Strong Set fore topmast pline ail pal 6.20. Fires banked, O. Signa Signa of the second s	b & Com	A
8 PM to miderial to fol and I come to the	sure long & & A Moderate	a Comment
Som to Midwight. Olean and pleasant, Fresh be steady. Annote barometer 30.38. Patent log 30.1 Knots.	Signed Well driving	Sind
Jonas,	The state of the s	auu

Movil anid Examined and found to be correct. Phase. Last Quarter

W. Keev F Navigator.

LOG of the United States Stuamer Esset , 32 Rate, 6 Guns, Making passage from Cape Town S. Ofrica to New York. U. Sof a. A. M. Cum Brat of & Plain sail except d.AH 30. 15 62 62 59 60 " sparker with foretope 5 30.1462 62 59 60 30.13 62 61 58 60 · stemsails 5 30.12 62 61 58 60 31-56 4 90 Gir strat 8 30.12 62 61 58 60 15-00 30.12 62 61 58 60 6 30.12 62 61 58 60 Cerrus 8 85 30.146261 08 60 14-40 30.13 68 61 58 60 30.1463 6259 62 " Set lopgalt etunsails 30.16 64 63 60 62 11/76 5 30,16 6463 60 63 5 Noon./9 2 201 knots 3 lenths Distance run by Log since preceding Noon 31 . 12 . 18" Latitude by D. R. at Noon 14 . 20 .00 " Longitude by D. R. at Noon 31 .02 .18 " Latitude by Observations at Noon O Longitude by Chronometer from Forenoon Observations ⊙ 140 11 '00" 1384 Current during the time 26 knots - fms-per hour, setting to the 24 N 91. Variation of the Compass by Amplitude ⊙ observed at Sunrise 28 0 10 " Variation of the Compass by Azimuth ⊙ observed at 8. Q W 18 . 10 " Water expended during the preceding 24 hours 300 gallons. Water during the preceding 24 hours 1400 " Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours 5 tons 1/85 lbs. 162 " 2046 " Coal remaining on hand at Noon P. M. Ricuru 6 M Let portloson tunsail didt Wi 30.12 65 66 62 65 30.09 66 65 61 65 Took in main topail Letonain by sail 30.09 65 63 60 65 30.09 656360 65 5 18 0 30.09 65 64 61 65 4 30.0965 646165 30.09 60 63 60 64 30.09 65 63 60 64 30.10 65 63 61 64 0 10 30.10 65 63 61 611 10 10 30.11 65 63 61 5 11 10 11 30.11 65 63 61 4 Mid. Longitude by Chronometer from Afternoon Observations O Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

Commences	and until 4 a.	m. Clearand	gool. Dam	h. Fresh & ST	Abreese.
Falling baron	reter, Moon rose,	at 2. Patent log	68. anword	bar 30.34, Fires 1	anked.
		Signed	Vr. 4. Hann	un.	Ensian
11 to 8. a. In. Ir.	eather clear and	hleasant, Fresh	bruge feon	& Why S. Baro	meterosina
moderate Rea, &	Fires banked und	er six boders, an	neroid baro.	meder 30.38.	
		Signea	6. Starl C	Johner.	Quelo
8 am to Meride	ian. Olear and	pleasant wea	ther. Fress	bruge from	St by S.
Carometerre	sing, Moderate	following su	a, alg. 15 m	steridat a	waters
andinstruc	ted divisions	theoretically.	at-10. Det to	haallant &	tunsails
1 ye. I b.	1 19.4. 11	L. 111 H.	1 2011	11. , /	+ 1
		Signed	d. A.J. L.	9. Halpine.	Busian
Meridian to.	1. C.M. Weather	veliar and p	leasant. V.	noderate bree	ege from
South to S. S. H.	Garometer stea	dy. at 12.25 pet.	port lower.	stunsail, al.	2,30 hauled
line 1 11 0 35	etamaine Intrail	Marining ati	end of watch	130 311	
force, or a. ock	es promo noguano,	comment and en		20,00.	
June, un a. cox	a commission,	Signe	d.	b. O. Rus.	Quit-
4 to 6. P.M. C	Pleasant weath	ter. Moderate b	de leege from	S. S. Mr. Bens	Liet-
4 to 6. P.M. C.	L. C.M. Weather Barowster stra Et main trypail, Pleasant weath	ter. Moderate so	de reize from	S. S. H. Bent conseted 30 31	Liest- mainsail
per it with one for	ruf and furled p	maintrysail,	Unerved ba	Jamester 30.31.	din
per it with one for	ruf and furled p	maintrysail,	Unerved ba	Jamester 30.31.	din
per it with one for	ruf and furled p	maintrysail,	Unerved ba	Jamester 30.31.	din
per it with one for	ruf and furled p	maintrysail,	Unerved ba	Jamester 30.31.	din
6 to 8. O. M. M. M. Sessel on gour	blear and gool, se A. St. It. Pater	main trysail. Signi moderate d. S. blog 97.7 mil	Minerved ba M. M. M. M. breeze, les, Adervia ned M. G.	Steady baron Hammun	Lind- neter, 30.32
6 to 8. O. M. D. Vessel on gover	lear and good. se A. A. St. Pater	main trysail. Signi Moderate & S. S. I log 97.7 mil Sign and pleasant	W. breeze. Is, aberoid weather.	Steady baron Steady baron barounter Hannum Moderato be	Lind- neter, 30.32 Ensign egs from
6 to 8. O. M. D. Vessel on gover	lear and good. se A. A. St. Pater	main trysail. Signi Moderate & S. S. de log 97.7 mil Log 97.7 mil	W. breeze. Is, aberoid weather.	Steady baron Steady baron barounter Hannum Moderato be	Lind- neter, 30.32 Ensign egs from
6 to 8. O. M. D. Vessel on gover	lear and good. se A. A. St. Pater	main trysail. Signi Moderate & S. S. de log 97.7 mil Log 97.7 mil	W. breeze. Is, aberoid weather.	Steady baron Steady baron barounter Hannum Moderato be	Lind- neter, 30.32 Ensign egs from
6 to 8. O. M. D. Sessel on gover	blear and gool, se A. St. It. Pater	main trysail. Signi Moderate & S. S. de log 97.7 mil Log 97.7 mil	W. breeze. Is, aberoid weather.	Steady baron Steady baron barounter Hannum Moderato be	Lind- neter, 30.32 Ensign egs from

Noonlonid Examined and found to be correct.
Phase, Last Quarter

M. Keev Livet & Navigator.

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

	1		, , ,
and Itd, Versel oncourse N. A Vr. Mrough	edy with m	voderate failing &	ruge from Sd
and Ild, Verselowcourse N. W. Unrough	stil watch.	Rolling duply as	intervals to
moderate quartering sea, aneroid batons	eler 30. 30. Of	Verel 10 g 49.1	£.
LEDON Of It is 111 Sen	gared,	W. Jo. Halpines	Busign
strady. aneroidat end of watch 30, 32.	to Gentle b	ruge from S. S. W.	Garon Elev
strady. Unerviague masq water 90, 82.	gatentlog	68. S.	0,
8am to Meridian. Cloudy and please	egma,	20.1000.	delle
mustered at quarters and surcised let a			
marries at company drill, and powder	divisional	who at single side	us, 2 Jana
Dourt Martial of which Quit It. Kelloge	a was seein	or me soulen and	10. a summary
trial of J. Hidunger, Drummer, U. S. E.	Il and ad	iveraged at-11 On	will had on 20.
trial of J. F. Hidugar, Drummer, US &	Sianed	I. Medrevin.	Lint
Meridian to H. P.M. Pleasant weather,			
livis under six boilers, at 3.50 shortened	and fwell a	sail Anervid ba	rometer 30, 28.
Galent log 74 miles!			
	rugnea.	DI. O. Manna	on, ousegn.
4 to 6. P. M. bloudy but pleasant, &	Under steam	wand fore and a	eft sail. Steam
press, 45 lbs and making 43 ocoolestions.	at 11. 30 cal	led all hands to me	uster and read
proceedings and finding of Summary bou			
Downer, U.S.M.b. charged with absence			
solitary confinement in double wond for le	hirty days o	w bread and water	with full
rations were Hind day the hindings and	restand were	unphased by the	hammanding
Africe but on the recommendation of the su	urgeon, that	the garrying out of	the sentence
would be injurious to the health of the prison	ver, he remi	ted the sentence and	drestored the
presoner to duty. Galent log 59,9 knots, an	ervid barons	eter 30.31.	
445 DO 11	Signe	d, Karl Kohr	er. Lunt
Officer best on the recommendation of the sur would be injurious to the health of the prison presoner to duty. Galent log sq. g Knots, On 6 to 8. Phr. Clear, and damp, Officer set to under steam and sail, heading A. A. It. 1/20 Steam Ho Por 110.5 Moderate per	opsails. Vies	el ou course Phroug	shout watch
under sleany and sail, heading A. A. St. 1/40	W. Uneroid	barometer 30.34	Satert log 77
Steam Ho. Revs. 46.5. Moderate sea.	1.	Al Bysh.	. F.
8 PM to Midnight, Obeather overcast as Baronseter steady, arrived at end of watch	Signed.	O. L. J. J. Nalp	uno. Quesign
Baron to the drught, Weather overcast an	ad damely,	derille bruge from	way D.
man suady, Universed at ma of watch	So. 50. Scenno	ho. wes Ho. Julen	og. 12.0.
	signed	· Con roce	auno

Moonel, and Examined and found to be correct.

Phase, Last Quarters

W. Kell Zuick & Navigator.

1 -12 1 - +11000 0	1 , , , , , , , , . , . , . , . , . , .	1 11 11
Domineuces and write Hill M. Overcast glo	udy and hazy. Light airs	Geomoby It.
Commences and until 4 a M. Overcast glo havling to N. At 12.05 took in all eail, for America baronneter 30.31. Palent log 45.	elid the Egirare Earls, Ste	arn 37. Rev 1/2.
Unervis varionelle De. D. Valenting 45.	ed. At Frevin.	B
Langue bl 1 1 61 sign	ed. Treven.	T. O. Cil
4 to 8 a.M. Cloudy good. Cleaning la	est hour, Kising baron	eler, Light My
Lon. N. M. vrugo. Det fore and aft edil, C	le seus. 39.5. Ou ste am Hos	bs. Unerved
to H. N. It. brugo. Bet fore and aftedil, a barometer 30, 36. Calint log 72,7	1 01 0.86	A
ed by the 1. De sign	od I. S. Dannun	V. Ansign.
8 a. M. to Meridian, Clearant weath	ur dente breeze from	IV-, Garoderelie
pising. Under strampand fore and a	est sail, Tressure Holb	d, 41 ocolulions.
alges beat to general quarters and	exercised, Syorder of	Dounda Officer
vileased andreas Bous. Gainter fro	our gouginement, Ut 10.3	ro started fins
under two boolers for distilling and	formerced distellin	gat 11.30, Thos
Granior (Ol M) and Min M. Multy (Se	al reported experations	of their terms of
musiment, ovierora varionello de	,06. Jaien log 190 mon	8.,
maridiant 11 PM. 1. 11	and Sarl Co	Mer. Lunt
Meridian to 4 P. M. Generally de	oury and pleasant.	cues peopped
eteaming, uncoupled propellos as	ia made sail to royali	accept main
sail and spanker, Bauled fires u	when suaming boilers	, Vissilon source
throughout watch heading N. N. 17		
log 31. Av steam 39lbs. Revs. 1/2. De	Simily.	1-16: E.
11 to 6 Pm Okenting	organia. Or J. J. J. J. R.	Jacquine dusign!
Barnet to the file of the	acum, service wrige of	Town HOM.
mention del ay, cut 2,10 set ropmi	ace una conque ani su	so One 1
Ho 6. P.M. Weather clear and plus Barometer steady, at 1.10 set topmer mustined at quarters, Exercised end of watch 30. 36. Patent log 44.5.	alitetiin	oc. aneroea at
Je wien co. o.o. Openitog 41.0.	Signed hos	Para de
6 to 8 Pm bl. 11	Jake airelle Oh	Il Sement
b to 8. P.M. bloudy, overcast last how sea. Distilling, at 7.05 took in spa	ne keep One in I bar 30 38	Catent lon 1110
The position of the party of	Signed W. M. Suvin	v Birt
to S. S. B. Banderstructured Calent	Stomiles Chrenoid barre	neter 30.40.
to S. S. C. Barometer steady. Patent log	Signed Il & Hame	m. Ensign
THE RESERVE THE PARTY OF THE PA		-

Monul mid Examined and found to be correct.
Ohase, Last Quarter.

W. Keer But & Navigator.

# making passage from Cape Town S. africa, to New york, US of a.

maning passage from sugar Overn. S. agricos, is Sim gario.										as of w.							
i					WINDS.			BAROMET	ER.	TEMI	PERATU	RE.			54		
	Hour.	Knots.	Pathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air	Air Wet Bulb.	Water	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Cle Sky, in 10th	State of the Sea.	Record of the sail the vessel is under at end of watch.
		-	4				7		-		-				0.00		
	A. M.	2		d.d141/494	8	,		30.18	4.5	42	To .	63	oc	Cun &	0	8	
				C1. C1 11 /4 11		,					/		00	cir cum			
	2	1	5	*	"	,		30.17					•	-	0	"	
	3	1	0	•	"			30.15					-		0	"	
	4	23000	3	"	8 × 24.	2		30.15						4	0	"	
	5	3	5	"		2		30.17					ocd		0	"	
3	6	3	8	-	8. S. W.			30.17					oc	"	0	"	Took in all sail except
2647		4	-		21894	3		30.18				100000	*	*	0		Took in all sail except forwait and head lails
8005	8	4	3		01	3		30.19					"	"	0	"	Setapankin & main trysail
	9	7	0	. "	Or.	3		30.20			/		"	"	0	"	Took in foresail & main try sa
	10	7	6		,	1-2	1000	30.20		-	1	237	*	"	0	-	
	11	7	4	-	"	1-2		30.22					,	"	0	"	
	Noon.	8	0		,	1		30,22	65	63	60	63	4	"	0	"	
								1							1	who	
		Distar	ice ru	n by Log since prec	eeding Noon									knots //	fatl	ioms.	
		Latitu	de by	D. R. at Noon									26				
	J	Longi	tude l	by D. R. at Noon										7 . 31			
		Latitu	de by	Observations at No	oon O								2	26 . 2	4'0	0"	
		Longit	tude l	by Chronometer from	n Forenoon Obser	rvation	s 0				•	,		•		"	
		Curre	nt du	ring the time /	knots	fms. po	er ho	ur, setting	to th	ie s	lou	Th					No. of Contract of
136	6	Variat	tion o	f the Compass by A	mplitude O obser	rved at	Sun	rise								"	
	-	Variat	ion o	f the Compass by A	zimuth ⊙ observe	ed at								270 -		_ "	
		Water	expe	nded during the pre	eceding 24 hours									1 300	· gs	llons.	
		Water	a	listilled	during the pr	ecedin	g 24	hours						250	0	"	
		Water	rem	aining on hand fit fo	or use at Noon									300	0	"	
		Coal	eonsur	med during the prec	eding 24 hours								6	tons 9	F	lbs.	
		Coal	remain	ning on hand at No	on									" 16		"	
																	The state of the s
	P. M.	_		4.4.4.01						23							
	1	25	50	N.014 H	Ot.	2		30.21	66	65	61	65	be	g wrat	2	1	Selfone air main tregail
	3	7	5	,	21. 8.9%.	2		30.20	1	1000		10000		1	2	0.000	made all squee sail
	3	/	5		,	3		30.20							3		madeall agreen sail
	4	8	0			9		30.19	1000		1				3		Mad carbin many
	5	4	5			3		30.19	10000		1			,	3		
	6	14	5	*		3	130	30.19	1000	1000	-	1		"	3		
3	7	18	0		Ot x S.	3	1	30.19			1	10000	"	Cum &	6		The second second
25°4	3' 8	8	5			3					1000	100000	"	Cir Cus	0	100	
6°41	9	8	0	"	"	3		30.19	1000		1	1	"	ler	9	3 233	
		8	0	*	,			30.20		1000	-		"	"	9		
	10	8		"	"	3	-	30.22				1000	"	"	9		
	11		2	"	"			30.24	100				"	"	9		
	Mid.	,	4	,	"	3		30.24	164	63	159	66	"	"	19		1
-		-	The same			-	-	-	-	-	-	-	-	-	-		

Longitude by Chronometer from Afternoon Observations  $\odot$ 

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

, U. S. Navy,

, 1884.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and write 1 a M. Meatha pleas and and cloudy. Sight bruss from South Parameter falling slowly. Distilling water As word baroniew 30.33. Cat leg to 3. Sught Parameter falling slowly. Distilling water As word baroniew 30.33. Cat leg to 3. Sught of fore wider for which pleasant with leght oar all prouse. At 1885 lighted fores wider for will be with some and after and after and forward for water to be to the throughout water for and after and for water for a forest of the standing and standing and pleasant; Sight bruss form It Show method to the standy. Took in foresails and main trypails at 9 is. Americation of water Monday Stands of Stands

Moon Lanid Examined and found to be correct.

Ohase, Last Quarter.

M. Kergo Navigator.

LOG of the United States Steamer Esses, , 3x Rate, 6 Guns, Making passage from Capi Gown. S. africa to New York. U. Sof a.

		1		10			-	-								0	
- 333					WINES.			BAROMETI	EE.	TEMP	EATER	E.			18.		
	Hour.	Knots		Courses stoered.			-	1		-			State of the Weather. by symbols.	Forms of Clouds, by	1001	State of the	Record of the sail the vessel is under
	2000		Pathoms,		Direction.	Force.	Locway	Height in 1 inches.	Ther.	Air Dey	Air Wet Bulb. m	ater	by symbols.	symbols.	94	Sen.	at end of watch.
			A.				3			Sulh. I	Suits. ex	- Control			Prop 8ky.		
	A. M		4														
	A. M					2			,		,		1		-	0	
	1	7	11	ct.d.%	Ordar	3		30.22	65	63 0	00 6	2	be	air cum	8	0	all sail ucept mains eit
	9	8	2			3		30.20	64	63	60 6	65			8	-	
		1000				3									~		
-	3	8	0	•	*			30.20	64	63	60 6	26	*	*	7	4	
26'00	4	8	0			3		30.20	64	63	60	65		4	6	.,	
6	5		-			2		30.20	6.1	62	6	45		4	8		
5049	,	7	-	•									*			*	
7	6	17	8		S. S. St.	2		30.20	64	63 (	60 0	65			4	11	Look in spanker
1320	7	1	y			2		30.21	64	63 6	60 1	65		Circum	2	,	
1329	7'	1	6			0					200						
5021	, 8	17	0	•		2		30.04					7	"	/	"	
-	9	17			8. 8.6	2		30.25	66	66	63	64	*		1	11	
	10	1/2				2		3.26	100	1-	12	411	oc	Cir Cum	0		
24-34	, 10	17	0		01	4 1000			/				1	neonly			
8	11	7	9	-	8.6.	2		30.27	67	67	636	6	ocp.	-	0	"	Took inmain tryant fly
500	Noon.	9	0			2		30.28	18	Can !	641	56	60	Bours	1		jib and f. loft staysail
	-	1								1				, , , ,		0	Jo geografiant
															_	-	
1000		Distar	nos mu	n by Log since pre-	ceding Noon								189	knots 2	les	etts	
					5								/				
		Latitu	ide by	D. R. at Noon										24 . 10	0'0	0 "	
		Longi	tode b	y D. R. at Noon										4.50	· ·	**	
		Latitu	ide by	Observations at No	008.0												
		Longi	tude b	y Chronometer fro	m Forenoon Obse	rvation	s 0							4051	, ,_	15	
13.	27	-	2	ing the time 2	lant.	£	_ 1 .			2							
,,,	19	Curre	na crar	ing the time t	KDOES ~	ims. pe	er no	ur, setting	to the	211	ur						
	10000	Varia	tion of	f the Compass by A	Implitude O obse	rved at	Sun	rise					-		,	"	
		Variat	tion of	the Compass by A	rimuth @ chare	od at								2600	, ,		
		Water	expe	nded during the pro	eceding 24 hours									35	o ga	llons.	
		Water			during the pr	recedin	z 24	hours								44	
														.1			
		Wate	rema	sining on hand fit f	or use at Noon									260	0	44	1
		Coal	consu	ned during the prec	eding 24 hours								10	tons 22	00	Ibs.	
		Conl		ning on hand at No													
		Com	Clarida	mig on mint at 140	00					*			101	" 17	02		
100	P. M.	123	100			100	100									16	
-				1 101	812	-	15				. 1		1	C 8			
	1	7	0	d.d.W.	616	3	-	30.24	67	67	600	66	be	Cure 8	4	1 8	-
	9	14	0	"	"	3	133	80.24	67	67	63	66			5	"	
		1			19 10 19 19 19 19 19 19 19 19 19 19 19 19 19		100		1000		-	200	"	0:0	_		
	3	7	0	-	*	1	1	30.22	7	2.2.40	*		"	3 atras	7	"	Jook in all sail
	4	16	5			1	130	30.22	67	60	64	66	"		7	1	
	5	9	11		8.91	1	The same		五十二年	1	100				3 60	8 636	
			1000				130	30.22		10.55			"	-	11	- "	
	6	8	8	"	S. S. H.	2	1	3.22	64	68	63	66	4	"	0	- 4	1,
23*3	. 7	9	0		b. b. E.	3	100	80.20	20002	12.000					5	-	Suale square carl
23*3		1			2. 2. 2.		18							"		"	exceptomainsail
8.25	, 8	9	4	"	*	3	100	30.25	69	68	63	00	"		1	- "	1
		9	0		8 + 6.	3	100	30.27	69	68	63	65	or	Qir cus	0		1
		11		No. of the last of		<b>2000</b>	100							3 Cum		1 10	
-	10	9	1	"	S. S. E	3	1	30.28						"	0	-	
	11	8	8	"		3	V.	30.28	64	68	63	65		1	0		
							100				_		"	-		1	The second second
	Mid	7	0	,	-	3	1	30.28	108	6.7	03	00	*	,	0		
		-					1		1	1	1						
		-		-									40/01/20				
		Long	stude	by Chronometer fro	om Afternoon Obs	ervatio	25 0									"	-
		Long	itude l	by Chronometer fro	om Observations			* /									The second second
		Yaru	eroar o	f the Compass by	Ampitude ob	served.	at Su	met								"	
																	THE RESERVE OF THE PARTY OF THE
		Varia	tion o	f the Compass by		at										-	The state of the s
		Varia	tion o	f the Compass by		at									•	*	

, U. S. Navy,

, 18844

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

1 was dear til 11 0 mg Noal	tours	, //	0, 111	,
Commences una since de mo. Heur	ne quarier	rapleasant.	Dinne origi	from
W. S. W. Barometer steady, anividation	d of watch 3	6.38. Deann 33. C	News 41. Satilog	7.
1500 60 1 1 00.00	egned.	Of Int	1 . 1 01	101
4 to 8. a. M. Wloudy and gool, Light	bruge from	VI S It. ham	ing to S.S.	St.
smooth sea. Took in spanker at o	30, Steam	36 lbs. Revs 40.	Useroid bar.	30.43.
Catent log 77.5.	1	A		-4
Patent log 77.5. 8 am to Meridian, Cloudy, Pleasa	signed,	M. M. Trever.	,	Lieut
8aM to Meridian, Cloudy, Pleasa	set, Light,	S. S. Wbruge,	shifting to.	8.6
Prising baronseler, at 9,15 Doudg O	fficer enone	sted ship and	orus al qua	rters.
Released from conft Touis Deistel To	Me and John	J. Buckley	(cappo.	t. P.
Reliased from conft Louis Deistel De Hering (arm) and J. b. Whitcourt On The	moreported,	the experation of	Their inlisters	ent
Callettog 10. 9 Knots, au cleam 36 lbs, au	ows 39 anero	id barometer	30.42.	
	Signed, I	4. G. Hannum.	Ens	rign
Meridian to 4 P.M. Weather clear and	Aleacant,	Light to gente	to bruge from	18.6.
Barometer falling, at 2.10 started two	fins under I	wo additional	boilers and	the
wind falling oby light look in and	d furled said	Steam hress.	37 lbs and mi	akria
39 replections Palent lon 38.5 Knots	America bar	ometer 3, 36.	/	1
39 revolutions, Palent log 38.5 Knots,	Signed	Harl Roll	In en	Fint-
4 to 6. P. M. Clear, and pleasant we	atter Pint	It burne house	SW 1 8 821	Bac
ometer steady, at I connected nos	Pand Illa	lend to main or	teamerica li	lend
Steam by Mill Ill Ill	· Carried	at and of the	1. 3. 21 Pet	1
Steam presser Holbs, 46 revolution	is, univering	aceno of wate	n 00,00, vare	ue log
56 Knots, Set foresails	8.	100711	" A	
1 Om 1 1 1 1 1	reigned,	Or. Ja. O. Ora	grene ons	1gm
6 lo 8. P. M. Neather hartly gloudy Garometer rising. Set allequares of watch 30.38. Steam 115, Clar 50. Pal	and please	ant, Gentle bre	ze from d. 2	. 10.
Daronseler rising. Set all square pa	ril except or	ramsail pat 8.	48. Unervice	atina
of watch 30.38. Steam 115, Clas 50. Cal	tent log 75.	101	7	A
	signed.	6. C. C.	us.	Lut
I M to Midnight, Overcast and	d aloudy, &	gentle breeze for	one Sby 6. 11	SSE.
Swooth sea, Steam 38. Revs 47. and	roid bar 30. 1	10. Palent log	11.	-
Swooth sea, Steam 38. Per 147. and	Signe	d. H. M. Dan	view.	Lint
		A Property of the Park of the		

Moviel mid Examined and found to be correct.

Occ 14° 07' 07" S.

Chase, Last Quarter.

W. Keel Fried Navigator.

, U. S. Navy,

, 1884

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

la mensiones and until 4a.M. bloudy Pleasant weather Gentle & & 6 and
6. S. E. bruge, Steady baroweter, av steam 39 lbs. Revs 48. Palent log 48.0. Knots.
Averoid barometer Bo. 3-1. Signed. W. S. Hannum. Ensign Ho 8. a. M. Pleasant weather. Schule to light bruge from ESE. to N. A. E. Buro.
Signed, M. J. Hanneyn, Gusegn
H to 8. a.M. Pleasant weather, Scholle to light bruge from 6 8. to N. A. E. Buro-
meter rising. Under steam, press. H2 lbs. Ho revolutions, anervidatend of watch
30. 42. Gatelet log 83 knots, Olt 2.40 took in all equare sail and set jils.  Signed Harl Robrest. Linet
8.a.m. to Meridian. Bloudy, warm and pleasant with light showers list
hour, at 9.15 inspected at quarters, exercised all divisions in infantry and had
ballalion formation, Set all square sail except mainsail, Riched Speer Sailos
reported the expiration of his term of enlistment, averaid barometer 30. 40.
Palent log 120. Steam H. Revo 46.
Palent log 120. Steam H. Aus 46. Signed. A. J. Balfine Ensign
Meredian to 4 J.M. Weather globaly, and pleasant, Sentle breeze from
Moredian to 11 P. Mb. Neather cloudy and pleasant, Gentle bruge from S. & by B. Baron eter falling. Sight passing showers. Ameroid at and of watch 30.31. Steam Holbs. Pleas Ay, Patentlog 56.
watch 30.34, Steam Holbs. News Hy, Catentlag 56.
Signed O. V. Clus, Just
11 to 6. O. M. Overeast and cloudy Lightbruge from & Congs. Sonoth sea, Mustined at quarters at 11 15 after which exercised at eail drill,
Strange 113 lbs ( Pros 187 Program of banasas tro 30.38.
Steam 113 lbs, Aus 1887. aversed barometer 30.38. Signed. H. M. Freview. Lent
6 to 8 PM. Oloudy Pleasant Occasional light drisale Link variable
Orecold 30. 38, as chans Halbs. Bus. 48.
arreved 30. 38. Ou steam Halbs. Revs. 48.
xeynew. 11.0. 21 anneum. Ousufa
8 OM to Midnight, Weather overcast cloudy and damp. Light to gentle
bruge from S. S. 6 to 6 & 6. Garometer steady Under steam and sail, pressure
bruge from S. S. 6 to 6 S. 6. Barometer steady. Under steam and sail, pressure. 48 lbs and making 48 revs. Patent log 30 knots, Americal barometer 30. 40 Signed. Harl Robert. Lines
Signed, Garl Dourer, Lexit

Moon Lanid. Examined and found to be correct.

Occ. 16° 18' 45" S.

Phase Newmoon.

M. Keel & Navigator.

Longitude by Chronometer from Afternoon Observations ⊙	•	,	"
Longitude by Chronometer from Observations *		,	"
Variation of the Compass by Amplitude observed at Sunset	•	,	"
Variation of the Compass by at			"

Commences and until Ha.M. Fair and pleasant, with gentle variable bruge from 6. S. 6 to S. S. W. Vessel oneverse throughout watch under steam, and Sail. Light passing showers third hour, anioid barometer 30. 46. Patent log 67. Sham Ho. Rivolutions 47. Shaw Ho. Showers. Signed. A.J. Halpine. Ensign Who & a. M. Weather cloudy and pleasant, Sentle breeze from & S.E. Light passing showers. Farometer steady, Incroise at end of watch 30.40. Steam 36. Revs. 36. Palent log 103.8.

Signed. 6. P. Olus. Lint Signed. 8 a In to Meridian Cloudy with light driggling rain first hour. Moduate bruge from S. S. G. Smooth sea, Went to quarters, atg. 15, and exercised at great guns after which called away of boats armed and equipped for distant service Securedat 9.35, Stam 42 lbs. Revolutions 48. Oniroid Favoranter 30, 41. Patent log 42.5, By order of bournanding Officer placed 8. St. Bashforth Seco in solitary confinement for five days days for using vulgar and abusive language to the orderly on book. It. It. Sourier. Gud Mondian to 4 C. M. Cloudy Plasant, Gentle S6; 6 and ESE bruge Slight fall in barometer. at 12.30 put vow Bliss patent log registering 7.4 miles, av steam 45 lbs. av ows 45, aneroid barometer 30.35, Catent lo gatend of watch 38 miles. Signed. It & Hannum. Ensign. 4 Lo 6. C. A. The asant weather, Gentle bruge from 686. Sarometer steady. Smooth sea, at 1. 45 mustered abquarters, after which exercised Calcut log at end of watch 54,9 knots, and sail, Steam pressure 43 lbs Chev 44. her course throughout watch under steam and sall heading A.A. H. aneroid 8 O. M. to Midnight; Weather cloudy and pleasant, Gentle bruge from SE. Sarometer steady, are roud at end of watch 30.34, Steam Ho. Chos Ho. Vatent Signed.

Moon land Examined and found to be correct.

Dic 17° 46'39" S.

Phase, New proon.

M. Keel F. Navigator.

Commences and until Ha. Ar. Garly cloudy gool, Gentle bruge from & E. Smooth sea, Steam Holbs. Rivis 41.2. Asserved blur, 30. 3v. Patent log 32.7.

Lie 8. a. M. Bloudy, Pleasant weather, Fight S. & breeze. Steady baron eles An steam Halbs, Rus HI. Patent log 65.1. Amerded barometel 30.35 8. a.M. to Meridian. Weather pleasant, Moderate brugo from & & B. Barometer steady. Al 9.15 mustered and inspected at quarters afterwards exercised signal Clase, Chrider steam and sail, Steam pressure 42 lbs, making 39 revolutions.
Patent logat end of watch 97.3. knots, Ameroid barometer 30.82.
Meridian to 11 P.M. Generally gloudy but pleasant with slowly vising baron eler and moderate breeze from 686. Bent bower chain. al 3.30 took in all sail and commenced slivinging ship, Hauled in paterit log registering 25.3. Steam 38. Av. rivs. Ho. An world barometer 30.26.

Signed. A. J.S. Holpine. Ensigns

Ho 6. P. M. Meather clear and pleas ant, Gentle bruge from 6 & 6. Barometer

Steady, At 1.30 finished severiging ship, made sail and stood on course

M. M. H. Gro.) Mustered at greaters at 11.45. Shifted topsails at 11.50. Americal at end of watch 30.29. Steam 110. Aus 143. Palent log 39.8.

Signed. Of Pins. Pleasant weather. Gentle bruge from 6 & 6. Smooth sea. Barometer 81. P. M. Pleasant weather. Gentle bruge from 6 & 6. Smooth sea. Barometer 81. A. P. M. Pleasant weather. Gentle bruge from 6 & 6. Smooth sea. Barometer 81. A. P. M. Pleasant weather. Gentle bruge from 6 & 6. Smooth sea. Barometer 81. A. P. M. Pleasant weather. meter steady, Steam H2 lbs. Revs. H2. Anetoid bar, 30.32. Patent log 565.

8 P. M. to Midnight. Generally clear and pleasant, Gentle & & bruge blight pise in Farons eter at & ghanged course to N by It h Mr. av eteash 43 lbs. avois, 39. Palent log 87.9. Arstroid barons eter 30. 33. Samum Ensegn

Moonlanid Examined and found to be correct.

Occ 18°27'05" S.

Phase. New proon,

M. Kongs Vavigator.

n	rah	in	ai	harrage	from	On,	he	Town.	w.	8.	al	ric	a to C	New &	Ho,	, K	U.S.a
		1	//	1		/					1			- 1			
					WINDS.			BAROMET	ER.	TEM	PERATU	URE.	State of the Wenther.	Forms of	of Clear in 10ths.	State	Record of the sail the vessel is up
	Hour.	Knots.	Fathoms	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water	Weather. by symbols.	Forms of Clouds, by symbols.	op of A, in 1	of the Sea.	at end of watch.
		-	Fa			-	3			Bulb.	Bulb.	surface.		-	Prop Sky,		
	A. M.		,										1	00			
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hue	5	1/4	1	,	"	4		30.14	/	/	64	1	"	"	0		
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5		4	0	A. N. 24. 24	~	1000			/	/	64	/	be	Pis Cum	1	,	1 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
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5-44	1	ad	01	in for auchor	- "	4			/	67	1	/	,	"		"	Jook in sail
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122	10	-		5.86.	8.6	3-4	_	30.17	70	70	64		"	" "	2	"	A STATE OF THE PARTY OF THE PAR
3339	11		,	,	"	3-11		30.19	70	70	64		ocd	nends	0	"	
	Noon.	,	,	,,		3-4		30,17	7,	70	65		,	"	0		
								1/	1	/						1	
		Distor	000 FE	in by Log since pred	ading Noon								1110	lunda 8	Cal	oms.	
					reding Noon								149	knots &	Iau	ioms.	
				D. R. at Noon													
	-	Longi	tude	by D. R. at Noon											,	"	
		Latitu	de by	Observations at No	oon ⊙									0	,	"	
	*	Longit	tude l	by Chronometer from	m Forenoon Obse	rvation	s o							•	,	"	
		Curre	nt du	ring the time	knots	fms. po	er ho	ur, setting	to th	ne							
				of the Compass by A											,	"	Charles to the
				of the Compass by A											1	"	
						ed at											100000000000000000000000000000000000000
				ended during the pro											ga	Hons.	-
		Water			during the pr	recedin	g 24	hours								"	
		Water	rem	aining on hand fit fo	or use at Noon											"	-
-		Coal	consu	med during the pred	ceding 24 hours									tons		lbs.	
		Coal	remai	ning on hand at No	on .									"		"	
					SPECIAL PROPERTY.												
	P. M.						1		1.							1	
	-	-	/	8.8.6.	8.8.6	3	1	2			1	1	1	Cuy &		1.0	
		uen	one	D.D.N.	0, 0, 0			30.11	1/	70	1000		be	minels	2	8	-
	3	"		"	"	3-8	-	30,11	1/	70			ocda		0	-	
	3	"		"10	"	3-5		30.12	171	170	65		ocdg beg	"	3	-	
	4	11		8.6.	S.	3-4	1	30,12	7,	70	65	1	"	"	1	,	
	5	1		,	686	3	130	30.12	71	70	63	5	be		3	1	
	6	"		,	,,	2		30.12			65		,	"	1		
	7			"		2		30.14	/	69		1		"	1	1	
	8	-		1	"	3			/	1/	,		"	"		"	
		"		"	"	3		30.16	/	64			"	"	2	"	
	9	"		"	"			30.16	1				"	"	2	"	
	10	"	-	"	"	3	1	30.16			64	1	"	"	1	"	
	11	"		"	"	3	1	30.16	72	64	61	1	"	"	2	1	
	Mid.	"		"	"	3		30.16	72	64	64	1	"	,	2		
				400000					X	1/	1			1		1	
		Longi	itude	by Chronometer fro	om Afternoon Ol	owest!	na G										
						ervatio	ns O							100000	-	"	
				by Chronometer fro				*						•	-	"	
1-1-1				of the Compass by	Amplitude obs	served	at Su	inset							,	"	
		Varia	tion o	of the Compass by		at										"	

Commences and until 11 a. M. Pleasant weather. Moderate bruge from & S. E. Barometerfalling. Under steam and eail, Steam pressure 3glbs and making 40 nos-Lutions, At 3. 10 hauled up foresail and furled topgalantsails and orgals.
Ameroidatend of watch 30.28. Patent log 18.5 knots.
Signed. Start Rohrer. Lent 11 to 8. a. M. Cloudy and damp with moderate bruges from Ed. at o went ahead full speed, ab 5, 10 set foresail, topgallandsails and voyals. als. 20 changed course to N. A. W. 4. It. at 5.25 made Island of St Welling on host bow, distant about 15 miles. Remainder of watch standing in for and around It Ibelieve to anchorage, at 7.15 shortened, and furled all sail, and hauled in patent log. av stelam avours. Signed. A.J. I. Balpine. Eusigns 8 a. M. to Meridian. Weather cloudy and pleasant, with light, driggling showers Garometer rising. Stood pround island under direction of him mording Officer and at 8. 41 came to anchor in the roadstead of St Hours in Di fathoms water and vered to les fathours port chain. Deaft of water 15 0" ford, 15 8" aft, Bearings from anchorago: - Sugar To af pt Bly tylet. Church spire South (pe) Ships head, & & W. pel a. M. Glaw & Mr.) and John Doyle ( & & b) reported the expiration of their enlistments. Mustered at quarters at 9. 30 and exercised the divisions and marine quard at Company delle, Sent an officer to communicate with the american bousul, The Leonmanding Officer left the ship at 10. Ho to make official visits. Banked fires. arrived at end of watch 30.29. Signed. O. P. Rus, Lint Meridian to 11 P.M. Cloudy with light driggling rain at intervals, Wind light with frequent equals from S. S. E to South. Continue de Coaling. Re-cevid an official visit from the lovemore Aide de lamp, Ameroid bar, 30.24 Lto & P.M. Cloudy. Gentle E. S. E bruge, with occasional quests. Slightonse in barometer, Stopped goaling for the day at 6.00, having ordered up tons. Ameroid barometer 30.28. 8 PM to Midnight, bloudy and pleasant, at 8.05 transferred fires under Londensing boller and aby 15 gown enced distilling. ancidban 30.29. Fires banked, Signed N. J. L. Halpine Ensign

Nowherid Examined and found to be correct.

Occ. 18° 18 '36" S.

Phase New moon,

Tient & Navigator.

rd of the sail the vessel is under at end of watch.

				00				0							-	
				WINDS.			BAROME	TER.	TEM	PERATU	TRE.	State of the	Forms of	of Clear in 10ths.	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Wet	Water nt surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Sky, in 1	of the Sea.	
A. M.		,														
live	hos	id	8.828	88×8	2		30,14	70	68	64		bed .	oung	2	8	
2	"		,,	686.	24		30.12	70	68	64		begd		2	. "	1
3	"		,,	,	2-11		30.10	40	67	64		"	"	2	*	-
4	"		,	,	24		30.10		67	64		,	"	2	,	-
5	"		,,	8.6	3		30.10	69	67	64		bed	,	2	"	
6	"		6.8.6	,	3-11		30,12	69	67	64		"	2 ouins	11	"	1
7	"		,	,	3-11		30.14	/	1/	bil		be	,	3	"	-
8	"		"	,	3-4		30.15	69	68	64		,		3	"	-
9	"			"	3		30.15	69	68	64		bed	"	2		1
10	,		"	. "	9-4		30.16	70	68	611		,	Cur cum	3		-
11	"		6x8	6. 8. 6.	3		30.16	70	68	64		"	"	2		-
Noon.	,,		"	,	3-41		30.16	70	68	64		"	"	3		-

Distance run by Log since preceding Noon	knots	fathoms.	ı
Latitude by D. R. at Noon	•	, "	
Longitude by D. R. at Noon		, ,	
Latitude by Observations at Noon ⊙	•	, ,,	
Longitude by Chronometer from Forenoon Observations ©	٠	, "	
Current during the time knots fms. per hour, setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise	•	, ,,	
Variation of the Compass by Azimuth ⊙ observed at	•	, ,,	
Water expended during the preceding 24 hours	350	gallons.	
Water distilled during the preceding 24 hours	1500	"	
Water remaining on hand fit for use at Noon	2300	"	-
Coal consumed during the preceding 24 hours	tons	lbs.	-
Coal remaining on hand at Noon	"	"	

	Р. М.														
	an	eho	ed	886	6. 8. 6	3	3.15	72	70	65	be	ai cum	3	8	
	2	"		,	,	3	30.18	72	70	65	,,	"	11		
	3	"		,,	"	3	30.11				~	"	2	"	
	4	"		,	,	3	30.11		/	Section 1	"	"	2	,	ı
	5	,		,	"	3	30.11	/			"	"	3	"	ı
	6	"		"	,	3	30.11	/	/	200	,	"	3	,,	ı
	7	"		É	6.	3	30.11	1			"	,	3	,	ı
	8	.,,		,	,	3	30.12				,,	"	1	"	ı
	9	"		,	,	3	30,13	70	68	63	,,	"	3	,	ı
	10	"		,	,	3	30.13				11	"	2		١
-	11	"		8	1.6	3	30.13				,	"	4	*	
-	Mid.	"		,,	,,	3			68			"	3		
			-33/5			1000		/	1000	100000		A COLUMN TO SERVE			4

Longitude by Chronometer from Afternoon	on Observations ②		,	"
Longitude by Chronometer from Observa	tions *	•	,	"
Variation of the Compass by Amplitude	observed at Sunset		,	"
Variation of the Compass by	at		,	"

Commences and until 11 a.M. blondy and pleasant. Sight bruge from & S. C. Barometer falling. Distilling. Ameroid 30. 21 Lint-begined. C. P. a.s. Lint-bruge with occasional light equals from S. E. Continued valuing ship. Distilling. Signed, W. M. Servin. Leut 80. M to Meridian. Cloudy, pleasant weather, Occasional light gusts with driggling vain and mist. Slight rise in barometer. Finished rooling having received go tons on board, John M. Mullin, 108! Im Ho. brawford, 208: Vand Malthew Reilly (6 H.) reported expiration of lervis of Enlistment, aneroid barometer 30, 28, Distilling. Signed. It. S. Hannum. Meridian to H P.M. Pleasant weather, Gentle bruge from & & 6. Barowheter filling. Distilling, Fires banked, an eroid barometer 30.28. 11 to 8. C. M. Cloudy and pleasant with gentle bruges from Ed, at 4.45 mustered cruvat quarters. Aty, 30 finished distilling and havled fires under Hos. I and 3 boilers, Made preparations for sea, Ameroid 30.28. Signed, N.J. J. Halpine, Ensign 10. M to Midnight, bloudy and sool, Moderate bruge from Bast, hauling to b. 6 and freshering; equally last hour, Brought to the port chair and at 11.50 called all hands up anchos; Oneroid barometer 30.30 Signed. M. M. Invivo. Leub

Moont and Examined and found to be correct.
There of 28' S.
Thase New moon!

M. Keed Navigator.

Steamer Essex" Off St Helena.

						11										500			
	WINDS. BAROMETER. TEMPERATURE.																		
	Hour.	Knots.		Courses steered.			-			]			State of the Weather.	Forms of Clouds, by	of Cle	State of the	Record of the sail the vessel is under at end of watch.		
	10.11		Fathoms		Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet	Water at surface.	Weather. by symbols.	symbols.	op o	Sea.	at end of watch.		
			Fa				2			Bulo.	Bulo.	surface.			Prop Sky.				
	A. M.					100						1				1000			
1	h	1			08	1					,	199	1	Cir Cenn	3	0			
-	hud	ere	vay	-	. 00	11		30. 14	69	68	64	-	be	8 Que	100000	0	Made place sail to my		
	9	5	0	AWXd	"	3		30.12	69	68	64	67		"	3		Made plaine sail tony a Sol Att Stud Stunsails week		
	3	6	0		1	3		30.11	/	-		100			1		lower Set jib and min		
				*	*(	10000								,	,	"	, , ,		
	4	4	5		"	3		30.12	69	68	64	68	"		6		hysail		
	5	4	0	,	"	2		30.10	69	67	64	68		,	3	"	Look in main trypail		
	6					3			/	/					2		- grace		
3		6	0	"	"	1			/	67		/_	•	-		"			
15031	7	5	0	"	"	3		30.10	69	67	64	68		"	2		-		
6.12	8	4	0	"	,	3		30.10	68	67	64	68	,		1	"	THE RESIDENCE OF THE PARTY OF T		
	9	6	5		686			-		/					2		Setboth lower stems ail		
	3		,	"	000	11		30.12	/	1000				-		"	let both lower deurs are		
	10	6	6	"	"	11	150	30.14	69	69	66	68	"	-	3				
	11	6	8			4		30,16	4	ha	66	68		1	5	130	Jook in port lower stews in		
			6	"	"	1000			/	/		10					son in pour soiver situation		
-	Noon.	3	8		"	4		30.16	70	70	67	69	,	-	4	"			
		-	-						-	/	/_	/		-	1	1			
Distance run by Log since preceding Noon 59 knots 2 fathoms																			
		Distai	nce ru	in by Log since pred	reding Noon								39						
		Latitu	de by	D. R. at Noon								-		15.26	6'0	0 "	8		
		Longi	tode l	by D. R. at Noon										6.36	,3	3."	26		
7200																	1		
		Latitu	de by	Observations at No	oon O										-	- "			
		Longi	tude l	by Chronometer from	m Forenoon Obser	rvation	s 0							6.46	3	30 "	of.		
								tine	. 41	2	1	1							
				ring the time 10					to to	ie /	res	1	-						
		Varia	tion o	f the Compass by A	amplitude ⊙ obser	ved at	Sun	rise								"			
64	11	Varia	tion o	f the Compass by A	zimuth O observe	ad at	800	1111						25.3	, '0	0"			
								,									AND THE PARTY OF T		
		Water	expe	ended during the pre	eceding 24 hours									300	g	llons	1		
		Water			during the pro	ecedin	g 24	hours						70	0	"	TO SECOND SECOND		
		Water	rem	aining on hand fit fo	or use at Noon									27-		**			
														1	U		1		
	-	Coal	consui	med during the pred	eding 24 hours								3	tons 98	0	lbs			
		Coal	remai	ning on hand at No	on								142	" 19	2	"			
														,					
		T					1	1	1	T	1	T		T	T	T			
	P. M.									133									
	1	6	2	derect.	886.	4		30.16	-	-	67	69	be	Cir Cum	11	. 8			
		-	6	C/ III					/	70	1	1	ve	W vane		10	1.1		
	9	0	0	"	"	4	-	30.16	70	70	67	69	"		3	"	Took in jit		
	3	5	5	,	"	4		30.15	70	70	67	69	,	11	2	"	Task in lit		
	4	6	0			4			1	1	6	10					Corroll of		
		7	~	"	"	300		30.14	/	70	67	107	"	"	/	"	1		
-	5	5	5	"	"	11		30.18	171	170	67	69	"	"	2	1	Houled of lucler of on ess		
	6	5	0			3	1	30.13	170	171	1	69		Cis cum	-				
9		-			"	3			1	1	6/	1	oed	8 com		"			
1508		0	0	"	"	-		30.16	72	71	67	69	oc.		0	"			
7025	15800	5	0	"	"	3		30.17	1 70	141	67	69	be		8	-			
-	2.530	5	5		16×6.	11				1.	1/2	1	1.1	Cir Ceres	1	-			
	1	-	-	"	\$ 0 -10.			30.18	72	69	0/	69	bep	Chen Menn	3 3		1		
-	10	5	3	"	"	11		30,19	71	68	66	68	be		3	11			
1200	11	5	5			4		30,19	7,	68	66	18	1,		2				
	-	6			*			0,17	/	60	00	50	1"	"	1	"	-		
	25.3	-	0	"	"	4		00.19	7,	69	67	68	"		2	- "	1		
	Mid.	0			The second secon		1	10000	1	11	1	1	12 10 10 10		1	-	The second secon		
	Mid.	0																	
				Cl	10 01														
			tude l	by Chronometer fro	m Afternoon Obse	rvatio	ns O							•	,	,,			
		Longi		by Chronometer fro		ervatio	ns O	*							,	"			
		Longi	tude l		om Observations	ervation										"			

Variation of the Compass by

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.m.	Garely cloudy, O	Pleasant, Gentle	S. E. bruge
Slight fall in baroweler, al 12.06 @	alled all hands	up anchos: got us	nderway
and at 1.00 took departure, Ladder &	till Flagslaff bear	ing S. S. Whe dist	lautshoniles.
Set course A. Wby W. hatent log reg.	led be belles the	I. Made plain se	al to royals
at 2.40 stopped engine and incolep 13'10", aft 15'10". Patent log 63 mil	es, aneroid baro	meter 30,25.	of surgo, for a
S. S.	igned.	W. G. Hannum	Eusign.
11 to 8 a.M. Oleasant weather Sie	alt lo moderate b	ruge from & 6. (	Sarobeter
steady. Valent log at end of watch 8,	1.2 Knows, Uneron	d baron eter 30. 30	n, D.,
steady. Palent logat end of watch 8. 8 am to Meridian. Fair and pl	edsant with slo	who rising bare	meter and
moderate bruge from 6. S. E. Sel	tower stemsail,	dot anchors on	bows, un-
bent cables and sent them below	er. Peter Devaney	(213) reports ex	hiration of
his term of enlistment. Vessel on	her course theor	ighout watch h	eading
Meridian to 4 P.M. Weather cloud	og, Gaint log 10	7. Of A Halling	Comme
Meridian to 4 P.M. Weather cloud	ly and pleasant,	Moderate bruge ;	hom OSE.
Parometer falling, abs. 45 bent as	hd set le glev ofpr	rainsail, anero	id 30.27.
Patent log 30.		600	£ .
11 to 6. P.M. Cloudy with light	Signed.	O. O. Ches.	Onsign
from 6 S. E. at 4, 35 havled up			
quarters at H. HS. arrived ba	rometer 30.29.		
	Liamed	M. M. Inevin.	Level
meter, Gatent log 51. Ameroid	Gentle S. S. O.	bruge, Slight re	so in baro-
meler, Gatentlog 51. Uneroid	baronneller 30.30.		
	o according to	Of G Thomas	E
	DI MANIO	VI Journ	un misim
8 P. M. to Midnight, Pleasant,	DI MANIO	VI Journ	un misim
8 P. M. to Midnight, Pleasant,	weather, Moder Under sail. ar	ate breeze from	is & by E.
	weather, Moder Under sail. ar	ate breeze from	is & by E.
8 P. M. to Midnight, Pleasant,	weather, Moder Under sail. ar	VI Journ	is & by E.
8 P. M. to Midnight, Pleasant,	weather, Moder Under sail. ar	ate breeze from	is & by E.

Movin Lexid Examined and found to be correct.

Dec. 15° 39' 15" S.

Phase, Auronon.

W. Kelly Navigator.

LOG of the UNITED STATES Steamer Basic 32 Rate, 6 Guns, Making passage from It Belena, to New York. U.S.C. WINDS State of the Sen. Hour. Knots. Air Dry Bulb, A. M. 86×6 & all agransail et M. sail det to 11 30.14 70 69 64 68 Cir Cum 1 all alt a luns ails 30.14 70 69 64 68 11 2 6 30.13 70 69 64 68 Took in strachen sails 11 4 30.13 70 69 64 68 30. 12 70 69 64 68 3 11 Litale stratumails 6 2 11 30.14 70 69 67 68 6 30.16 40 69 68 68 11 Set port on top gall tunsais 6 0 11 30.16 70 69 68 68 8.36 30.1470 88 65 69 0 4 30.14 70 68 65 70 6 0 10 4 30.111 70 68 65 70 2 6 11 4 5 20.14 71 69 65 70 Noon. 4 139 knots 3 fathors Distance run by Log since preceding Noon 140 15.00 " Latitude by D. R. at Noon M. Longitude by D. R. at Noon Latitude by Observations at Noon ⊙ W. Longitude by Chronometer from Forenoon Observations ⊙ Current during the time ... knots fms. per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise 25 . 34 100 " 649 Variation of the Compass by Azimuth ⊙ observed at & am Water expended during the preceding 24 hours 320 gallons. Water during the preceding 24 hours 2380 Water remaining on hand fit for use at Noon 3 tons 980 Coal consumed during the preceding 24 hours 142" 192 Coal remaining on hand at Noon P. M. der sol. 8. 6 × 8 1 6 0 30.14 41 41 67 70 11 be 11 30.13 72 71 67 70 2 3 6 0 belo 11 6 5 11 30.12 72 71 67 be 5 6 2 11 30.12 72 71 67 06×8 6 5 30.12 72 71 67 70 3 0 6 0 30.13 72 71 67 70 3 8.6.6 6 5 30.13 72 71 67 70 4 boh 0 1 30.13 /0 71 67 70 4 2 5 10 3 11 6 0 4 11 3 Mid. 4 Longitude by Chronometer from Afternoon Observations ⊙ Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

, 1884

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until L. a.M. Fair and please	and with moderate breezes from Id
and Ed. at 3. took in starboard stunials to sudd	
1 Not watch wind unselled in direction from & &	6 to Shu 6. Musel on less course through
In I watch, heading N It by N. aneroid baromet	ev 30. 32. Palent-lon ob knots
out watch, heading N It by A. aneroid baromet Signed.	N. J. L. & Holhing Busian
11 to 8. a.M. Weather party cloudy and placant,	Moderate bruge from S & by 8. Ones.
muter rising. Set all starboard strengails at 5.25. S.	et bort main to baal sturisail at 7,25
Ameroid at end of watch 30.30, Patent log 19.	
, Slaine	6. O. aust. Link
8 a In to Meridian, Cloudy, pleasant Mo	devale bruce from & & Se &
Smooth sea, abgis went to greaters, Counds Offer	cer inspected the ship and orms,
Meridian to 1 PM Mondy Pleasant Signed	J.K. Bashforth Sea from confinement.
Signed.	WM. Irwen. Level
Meridian to 4. P. M. Cloudy, Pleas and, Mo in barometer, Patent log 69. S. Ameroid barometer &	devate & 6 by 6. bruge, Slight fall
in barometer, Patent log 69. S. aneroid barometer 3	30.24
Signe	d. W. S. Hannem. Eusign
11 to 6. C. M. Weather pleasant, Moderate bruge fu	our & Eby 6. Patent log at end of
in barometer, Patent log 69. S. Ameroid barometer Signed but b. C. M. Weather pleasant, Moderate bruge for watch 81 knots. Ameroid barometer 30.26.  6 to 8. P. M. Cloudy and pleasant with lias	
Signe	d. Harl Cohner. Linet
6 to 8. P. M. Cloudy and pleasant with ligh	It passing showers first hour,
Moderate bruse from & and Ed, Vessel on gorbise	Throughout watch heading NOV
by N. andried baroweter 30.28. Patent log 15.5.	
blo 8. P. M. Cloudy and pleasant with light Moderate bruge from & pand Ed, Versel on gowerse by N. Ancivid baroweter 30.28. Patent log 15.5. Sign	ed. C. P. aus. Line

Now Louid Examined and found to be correct. Ouc. 13° 13' 50' S. Phase, New Moon.

M. Keeco Varigator.

Longitude by Chronometer from Observations Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

LOG of the United States Steamer Essex , 32 Rate, 6 Guns, making passage from St Helena to New York, US of america

,	ma	an	9	passage	grow or	re		rva s		110	w	yo	en, le	got 6	m	eri	eca
I					WINDS.			BAROMET	ER.	TRMI	PERATU	JRE.	State of the	Forms of	Clear ths.	State	
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Re
	A. M.																
	1	5	4	ANXA	86×6	4		30.14	69	69	66	69	00	Cir Cure	0	8	
	2	5	4	"	"	11		30,13	69	69	66	69	"	"	0	4	
	3	6	11	1	,	1		30.12	69	69	66	69	"	*	0	"	
	4	6	0	1	,	4				/	66	69	"	"	0	,	
	5	5	5		"	4			68	/		69	"	"	0		
	6	6	0	"	"	4		30. 11	68	/		69	"	"	0	1	
16	, 7	0	0	"	"	4				/		69	"	-	0		
45	, 8	6	0	-	,	11		30.14		/	,	69	"		0	1	
	9	6	8	"	"	11		30.17	/	/	1	69	ocd		0	-	-
	10	5	5		,	4		Annual Property lies	72	71	68	69	oc	"	0	"	
	11	6	8		*	11		30.18	72	71		69	"	"	0	*	1
-	Noon.			"	"	4		-6.//	/2	71	68	69	"		0	1	
1		Dieta	000	up by Log since pr	ooding Noon								111.	knots 4	ten	the	-
	-			n by Log since pred y D. R. at Noon	ceding 1400h									3 · 0;			1
				by D. R. at Noon												0"	
				Observations at No	oon ⊙								Se ye		,	"	1
				by Chronometer fro		rvation	s O							11 . 17	, 3		21
4	16			ring the time				ur, setting	to th	e				/			
				of the Compass by A										•		"	-
				of the Compass by A										23 . 18	0	0 ";	of
				ended during the pro										320			1
		Water			during the p	receding	g 24	hours							0	"	1
		Wate	r rem	aining on hand fit for										2060	1	"	
				med during the pred										tons 11	00	lbs.	1
		Coal	remai	ining on hand at No	on								141	" 20.	32	"	
	P. M.															1	1
	1	6	0	MAKA	8.6 + 8	1	-	30.14	7,	73	68	69	bed	Circum	. /	8	1
1	2	6	0	"	,	1		30,14	1	V	68	69	"	,	2		1
	3	6	0	ddn 3/4 94	,	L		30.14	1/	72	68	69	be	"	4	1 "	1
	4	6	0	"	"	4		30.111	71	72	68	69	bed	"	1	"	-
	5	6	6	"	,	11.		30.15		71	67	70	be	"	3	"	1
	6	6	2	"	"	1		30.15	70.	7,	67	70	"	,	1	"	1
35	, 7	5	6	"		11		30.15	10000	7	66	70	,	"	1	-	1
30	, 8	5	8	"	"	11		30.17	73	71	66	70		"	1	1	1
	9	0	5	,	"	1		30.17	78	7,	66	70	oc	Cir cens	0	J.	1
	10	5	5	,	"	K	-	30.7	73	71	66	70	"	"	0	"	-
	11	5	0	"	,	4	-	30,19	78	66	66	70	"	*	0	"	1
	Mid.	6	0	"		4		30.19	78	66	66	70	,	"	0		1
		Les	iter 3	by Chan	10 0				1			1			1		
				by Chronometer from		servatio	ns O							•	1	"	1

Monday November 24th

188//.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Jone S. E. D. Lucoth sea Cherrodo and cloudy. Groderate briege from S. E. D. Sh. Lucoth sea Cherrodo arom eler 30.26, Salentleg ste.

16 80. Sh. Corroast. Goderate S. E. D. Ercero. Pring barometer Sc. 30. 30

18 16 1. Sh. Goderast. Goderate S. E. D. Ercero. Pring barometer 30. 30

18 16 1. She fed chip out, Patentlog of miles, Overoid barometer 30. 30

18 16 1. Shridian. Mather pleasant though somewhat danch Wishrate briege from S. E. D. Barometer 30. 31.

18 16 1. Shridian to the P. Th. Elvedy and pleasant with nonderate briggs from S. dance Col. also changed course from A. N. 94 1. Canting ship initide.

18 16 6. P. M. Theather partly cloudy and pleasant, Moderate briggs from S. E. D. B. Dearant veather, Signed. A. J. J. Balpin. Courte S. E. D. C. M. Character briggs from S. E. D. M. Pleasant weather, Shoderate briggs from S. E. D. M. Pleasant weather, Moderate briggs from S. E. D. C. C. C. S. Shoothead University Search Strady Rucord pleasant, Moderate briggs from S. C. M. Pleasant weather, Moderate briggs from S. G. M. Pleasant weather, Moderate briggs from S. G. M. Pleasant weather, Shoderate briggs from S. G. M. Bellinght, Cloudy, Oleasant weather, Moderate Briggs.

18 G. M. Medraight, Cloudy, Oleasant weather, Moderate Schy & Singe.

18 G. M. Medraight, Cloudy, Oleasant weather, Moderate Schy & Singe.

18 G. M. Berniette. Caladogs mile, America baron et a 30.

Moowlanid Examined and found to be correct.

Phase, New moon

M. Rees Linds Navigator.

Longitude by Chronometer from Observations

Variation of the Compass by

Variation of the Compass by Amplitude observed at Sunset

LOG of the United States Steamer Essex", 3a Rate, 6 Guns, Making passage from St Helenas to New York, U.S.a.

	,	me	esti	ingpass	agefu	ouv.	an	- 90e	lev	ia.	le	, C	Mus (	forto,	M.	0.0	l.
				-	WINDS.			BAROMET	ER.	TEMP	ERATU	RE.	- 0		ear bs.		
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather. by symbols.	Forms of Clouds, by symbols.	Prop of Clean Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is at end of watch.
	A. M.											3					
	1	5	0	NN 91 3/4 94	86 €	1		3.16	71.	7,0	65	70	oc	Gir Chew	0	8	All plain sais es
	2	5	0	,	,	11		30.16	7, !	71	65	70	"	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	"	All plain sais es
	3	5	0			4		30.14	7,	71	65	70	,	,,	0		short m. topgalt,
	4	5	0	,	,	11		30.12	7,	71	65	70			0	"	
	5	5	0		8. 6.	4		30.12	70	70	66	70			0	"	
8	6	5	0	,		11		30.16	70	70	66	70			0	"	
1209	7	6	0		8648.	11			70	70	66	70			0	-	
12048	8	5	6	"	-	1			70	70	66	70	"	"	0	"	
	9	6	0			4			70		!	70			0	"	
	10	6	1	"	"	11			7,	71	66	70		"	0	"	
	11	,	5	"	•	11		30.20	71	72	67	70			0	"	
	Noon.	6	0	. "	"	11		20.20	71	72	67	70	,	-	0		
															te	uth	
				in by Log since prec	ceding Noon								134	knots 7	fatl	noms.	8
				D. R. at Noon										18 . 10			
				by D. R. at Noon										11 . 114			1
				Observations at No										13.19			26
				by Chronometer fro				u sattina	to the					10 19			1
64	16			of the Compass by A	knots			ur, setting	to the					•	,	"	
4-1				f the Compass by A										22 .00	,	"	26
				ended during the pro										350		allons.	
		Water		and an in pro-	during the 1		7 24	hours							8	"	
				aining on hand fit fo										141	,	"	
				med during the pred										tons 1	00	lbs.	
				ning on hand at No										1 160	32	"	
	P. M.															1	
	1	2	86	NOT 94 94 94.	86+8.	1		30.19	72	73	64	70	be	Gun & Circum	,	8	
	2	6	2	,	,	11		30.19	72	73	67	70	oc		0		
	3	6	2	"	,,	4		30.16	72	73	64	70	,	"	0		
	4	6	11	,	"	1		30.16	/	73	67	70	"		0		
	5	6	0	,	,	11		30.111	/	72	67	70			0	"	
	6	6	5	,,	*	4		30.11	72	72	68	70	ocd		0	i	
11011	. 7	6	0	,	86×8.	4		30.16	/	/	68	70	beh.	Cir Cum mints			
21	8	6	5	,	"	H		30.16	72	72	68	70	"		2		
14000	9	6	8	,	,	4		30.16	/	72	1	V	be	1	1	"	
	10	6	5	. ,		11		30.14	/	72	68	70	,,,		3		
	11	7	0	,		11		30.17	72	72	68	70		"	1		
	Mid.	17	0	,	"	4		30.17	72	72	67	70	"		1	4	
		/						-	/	/	/	1					
		Longi	itude	by Chronometer fro	om Afternoon Ol	servatio	ns O								,	"	
		Longi	toda !	by Chronomotor from	- 01												

Tuesday, November 25.

, 1884.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a. Mr. Weather pleasant but cloudy Moderate bruge from S. 6 by 6. Barometer falling, America barometer 30.21. Galent log at lend of watch 73 knots. Ho & a M. Cloudy and pleasant with rising baroweller and moderate bruges www. Sd and Ed, Vessel on her course throughout watch heading NAM. 13/4 It. Set port lower and fore lopmast sturvail, arberoid bar, 30.32. Patentlog 93.6. Signed N.J. S. Halpine. Ensigns 8 a. In to Meridian. Overcast and cloudy during greater part of batch Moderate bruge from & by S. Baron eld rising. Took in portlower and topmast stunsail at 8.30. Bet be clev of mainsail at 8.40. Mustered at quarters at 9.15, Gainting ship and of watch 30. 30, Patentlog 19.0 Bigned. C. P. Rus. Meridian to 4 P.M. Overcast and cloudy greater part of watch. Moderate bruge from & by d. ab 12, 23 changed course to N. A. It In It. by order of bounding Officer, palent log showing 23. Painting ship inside, andid barometer 3.26. Valent logat end of watch Hymilus.

It to 6. P. Mr. Cloudy, Pleasant, Moderate S. & by S. bruge, Slightfall in baroweter. At 4.45 mustered at quarters. Patent log 59.8 miles. America baron eter 30.28. 6 to 8. O. M. Pleasant weather, Inderate bruge from & Eby E. Baroweter eleady. Galent logat end of watch 78 knots, Aneloid barometer 30.28.

8 G. M. to Midnight. bloudy pleasant weather with stationary barometer and moderate bredges from Sol and Od, Versel on her course throughout watch heading A. A. M. M. Aneroid barometer 30.30. Patent log 101.

Signed. A. J. L. G. Shalpine. Ensign

Dec 6° 36' 17" & Prase First Duarter.

W. Keever Navigator.

, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

June S & by 6. Garomeler falling, anivoidatend of votate 30.24. Patentlog 27, 6.

All am Overast, and cloudy. The dirate bruge from S & by 6. having to 6 & 6 & 6 and freshway. At 1. 6 stock in port main topgallant sturnationed set weather clew of mains said. Americal barrowd 30 & Capitolog 546.

10 M to Meridian. Elevely Name. Moderate & S & brush of shire in bound barrowter, at 9, 15 inspected, at quarters. Exercited, division at broad and land langut practice throughout the watch. At 9, 30 haveled in palint log registering 63.5 miles, Americal 30.28.

Meridian to 1 C. M., Oleasant weather, Wo derate bruge from 6 & 6.

Barrowter falling. Smooth sea, Americal favorant & 20.27.

Lib 6. C. M. Blondy, Pleasant weather, Alt H. wisheld werning quarters bessel on her course throughout weather, alter weather hed in fill americal barrowter 30.28, Palentlog 19.5.

Signed. A. J. Elaffins Cuery barrowd 30.68. Palentlog 79.5.

Signed. S. Midnight, Blowdy with brassing thowers latter part, Moderate bruge from 6.5.6.

Signed. O. M. Srevin. Sint boderate bruge from 6.5.6.

Signed. O. M. Srevin. Sint boderate bruge from 6.5.6.

Signed. O. M. Srevin. Sint boderate bruge from 6.5.6.

Signed. O. M. Srevin. Sint boderate bruge from 6.5.6.

Moon anid Examined and found to be correct.
Thase Eirst Quarter,

W. Keyr Wavigator.

Steamer Essex 3d Rate, 6 Guns, LOG of the UNITED STATES Making passage from St Helena to Au York. USa. TEMPERATURE. A. M NAS1/24 686 3.19 43 73 69 73 air oun 3 & Sysail & athol tunsail 30.15 73 72 69 73 11 30.13 73 72 69 5 11 11 11 11 30.11 78 7269 11 30.16 73 72 69 4 30. 18 73 72 69 73 5 4 5 30-16 74 73 69 73 2 11 6 Noon. Distance run by Log since preceding Noon Latitude by D. R. at Noon Longitude by D. R. at Noon Latitude by Observations at Noon ⊙ 17.19 00 " 24 Longitude by Chronometer from Forenoon Observations ⊙ Current during the time 10 knots - fms. per hour, setting to the WS W. Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth ⊙ observed at 655, Water expended during the preceding 24 hours Water during the preceding 24 hours Water remaining on hand fit for use at Noon Coal consumed during the preceding 24 hours tons 141 " 832 Coal remaining on hand at Noon P. M. Took in frest steen dr. Arry 686. 11 30.16 73 75 70 711 6 30.16 73 75 70 74 4 11 2 6 30.15 74 78 70 74 0 11 11 4 0 4 6 4 30.15 747470 4 3 18004 11

1 / / / / / / / / / / / / / / / / / / /			_
Longitude by Chronometer from Afternoon Observations ©		,	"
Longitude by Chronometer from Observations *		,	"
Variation of the Compass by Amplitude observed at Sunset		,	"
Variation of the Compass by at	9		"

11

under the command of Commander a. H. M. Connick

, U. S. Navy,

Thursday, November 27 th

, 1884.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 a. Mr. Cloudy, Moderate & Stobruge, Occasional light pain squalls. Galling baronneter, Palent log 365. Ameroid 30, 241.

Let 8. AM. Cloudy but ble as ant, Moderate bruze from 8,8 & to S. 6. Baronseter ricing. Smooth sea. At 7,35 set all port sturneails, Palent logatened of watch 57 Knots, America baron eter 30, 29.

Signed, Harl Rohrer, Gint Soll Soll Mark Mohrer, Gint Stand Ed and Stationary barometer, Ob 9, 8 inspected at quarters, Wanted up mains ail, Dissel on her course throughout watch heading N. A. It 2 th. America barometer 30, 27. Catent to 9, 5.

Meridian to H P. Mr. Meather cloudy and pleasant, Moderate brings from C. S. E. Jarometer steady. Of 12.20 changed course to N. A. H. Mr. Stoken foot stundals. Ameroid pleasant watch sold of watch 30.24. Palent toy 1002.

He 6. P. Mr. Pleasant weather, Moderate brings from E. S. E. Smooth sea, Omeroid barometer 30, 25. 6 to 8, O. Mr. Cloudy, Pleasant weather, Moderate & S. E. breeze, Barometer steady, Catentlog Sumiles, Americal barometer 30.26 Signed, It. G. Harmun, Ensign 8 9. Milo Midnight Weather pleasant, Light passing showers in last hour, of watch Lentle to moderate breeze from 6 & 6. Barbureter steady. Patent log 45 knots. Amerid barometer 30.27.

Signed, Harl Cohrer, Lint

Moore Land Examined and found to be correct.

M. Kelle Line Navigator.

Commander A. H. Al Connick under the command of , U. S. Navy, Griday. November 28 th . 18811. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Donnences, and until 1 a.M. bloudy. Pleasant weather, gleaning Last hour Moderate bruges from Sd and Ed with slowly falling baro-meter, Vessel on her course throughout watch heading A. MH 3/4 It. Ancroid baroweter 30. 22, Patent log 64.5.

Il b. 8. a. Mr. Meather doudy with light passing showers. Baroweter riserg. At 7.05 look in mainsail, Olt 7.30 set poort stunsails, ancid at end of watch 30. 28. Patent log 85.5.

8 aM to Meridian, Oliar and warm, Moderate bruge from & Edy S. by exercise of the Latting guist anivoid barometer 30.25. Patent log 10. Muridianto 11 P. M. Clear, and warm. Moderate & Eby & " 6 & 6. breize. Talling barow eter, At 12.05 changed gours ofto A Hby A. Patent log 31 miles, Ameroid barom eter 80.21.

Let 6. P. M. Pleasant weather, Alloderate breize from \$ 1.5 \$ 86. Garometer steady, Under sail. Al 145 mustered at quarters, Annotated of watch 30.211. Palent log 42 knots. Siarl Rohrer, Lind-beto 8 9. In Cloudy but pleasant with moderate bruges from 500 66. Verselow her course throughout watch heading N. Why N. Ameroid barrenter 30, 26. Palent log 53. ometer 30, 26. Palent log 53,

8 P. M. to Midnight, Weather clear and pleasant, Moderatobreege from S. & by S. P. Garometer steady. Americal at end of watch 30.96.

Palent log 7 4.5 Signed C.P. Rus. Leent Novularid Examined and found to be correct.

so. First Quarter.

W. Key Navigator.

LOG of the United States Steamer Essex 32 Rate, 6 Guns, Making passage from St Belena to New York US of a Air Air Water at Bulb. Bulb. surface. A. M & Sof sail weekt mainsail S6 48. be i gir cum & 5 6 AN red. 30.17 77 77 75 76 11 all stursails except por 30.16 75 76 74 76 30.11 45 76 74 76 of topgallant 4 30.11 75 76 74 76 11 30.111 75 75 71 76 4 Stext 30.15 747470 76 30.17 74 75 70 76 bed 11 30. 18 75 75 70 76 S6 x5. 60 11 Took in port stemail 30.18 75 75 70 76 686. 21000' 4 30.19 75 70 70 76 11 30,19 75 75 70 76 50 11 5 " Took in main try pais 30.19 76 78 72 76 Noon. 129 knots 5 tenth Distance run by Log since preceding Noon 6.02.00" Latitude by D. R. at Noon 21 . 58 '00 " Longitude by D. R. at Noon Latitude by Observations at Noon O 5 . 58 '00 " 21 . 16 '00 " Longitude by Chronometer from Forenoon Observations ⊙ Current during the time 18 knots \_\_\_\_ fms. per hour, setting to the Of. A. W. Variation of the Compass by Amplitude ⊙ observed at Sunrise Variation of the Compass by Azimuth O observed at F. a. M. 20 00 '00 " Water expended during the preceding 24 hours Hoo gallons. Water distilled during the preceding 24 hours Water remaining on hand fit for use at Noon 1 tons 1660 lbs. Coal consumed during the preceding 24 hours 141) i 32 " Coal remaining on hand at Noon P. M. Setall fort slunsails 688. Arted. Gie anne 7 30.19 79 76 73 76 except m, topg allaut 30.14 76 81 73 76 3.11 77 81 73 78 6 ler 9 11 30.09 47 82 73 78 5 86 x S. 30.09 76 79 72 78 5 6 30.09 76 78 72 78 30.12 76 78 72 78 6 30.12 76 78 22000 11 Ger Cum 10 11 7 5 0 11 11 Mid. Longitude by Chronometer from Afternoon Observations O Longitude by Chronometer from Observations Variation of the Compass by Amplitude observed at Sunset Variation of the Compass by

under the command of Commander A. H. M. S. Navy, Saturday, November 29, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Dommences and until 11 a. M. Weather cloudy. Moderate bruge from SE by d. Smooth sea. at 3. so furled mainsail, aneroid bar 30. 20. Patentloggy. 5 I to 8. a. M. bloudy. Moderate & & by E. and & Eby & breeze, Clising baronster, At 11.00 started fires for distilling. Ameroid bar 30. 24, Patently 20.

8 a. M. to Meridian . Weather cliber, and pleasant, Moderate brings from 8. S. E. Barometer steady. Patent logat end of watch 43.5, knots, Omeroid barometer 30. 26. Signed, Harl Rohrer, Gent Meridian to H. P. M. blear, warm and pleasant, with moderate breezes from Sd, and Ed, and falling barometer, Bet port lower, fore topmast and main topgallant stimeail, Vessel on her goursethrough but watch heading MIN by N. Ameroed bar 30. 15 Patentley 66.

Signed N. J. H. Halfund Ensign

Let 6. O. Mr. Weather charged pleasant, Moderate bruge from Stoby S. Baronseler steady Distilling. Onervid at end of watch 30.16. Palent log 78. Signed, O. Pus. , Level by S. Smooth sea, and bar, 30.20. Patent log go. 5 In to Midnight, Clear and pleasant, Bright moonlight. Moderate barbenter Distilling, Catent logh, 5, averoid Signed. W. G. Blannum. Ensign

Lesied Examined and found to be correct.

16° 04' 20.76.

16° 04' 20.76.

W. Keer Sients Navigator.

Sunday: November 30

, 18844.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until & a. M. Pleasant weather Moderate lo gentle bruge from S. 6 by S. Barometer falling Smooth sea, Distilling, Patents logat end of whatch 31 knots, Christod barometer 30.19.
Signed. Karl Rohrer. Lieut-1 to 8. a.M. Jair and pleasant with stationary barometer and gentle bruges from Sid and Od. Vessel on her course throughout watch heading A. Whoy N. Ameroid barometer 30.15. Patenthog 47.51 Distilling. Ensign 8 am to Meridian. Weather cloudy and pleasant, Moderate bridge from Soland Od, Garometer rising The Commandering Officer inspected the ship and crival quarters at 8 45. Distilling. antividatend of walch 30, 21. Palent log 67. Signed. O. C. Rus Linet Meridian to 21 P. M. Cloudy but pleasant, Gentlebruge from S. E. hauling to 6 S. 6. al 12.05 look in port stunsails and set main trysail. at 12.15 changed course to NI 9/11 N. palent logriading 68, at 1.08 took in maintrepail, anervid barometer 30.01. Patent log \$2.5. Signed. Or Morwin. Timb Hob. P.M. Clear, and pleasant, Gentle & & bruge, Barometer deady at 4. 30 set port stunsails. Patent log 91.5, ameroid barometer 30.19. 6 to 8. P. M. Pleasant weather, Entitle to moderate bruge from & Chy S. Sarometer steady. Smooth sia, Distilling Bright moon and day light, Galent log at end of watch 102.5 knots. andervid barometer 30.21. 8 . M to Midnight, Generally globedy weather with moderate bruges from Id and Ex and plowly pising barometer. Vessel on her coulse throughout watch heading NA 9/4 N. ab 10,50 stopped distilling and banked fires under distilling boilers, ameroid barometer \$ 2. Galentlog 24. Signed N. J. D. Halpine Ensign

Moonlanid Examined and found to be correct.

Sec 13° 42' 19" dr.

Chase First-Quarter

W. Keep Navigator.

Variation of the Compass by

at

, 18811.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 12 a.M. Weather clear and pleas ant, Gentle bruge from S& by S. Garometer steady, Fires banked under four boilers. Ameroed at end of watch 30. 17. Patentlog 117.

Signed. O. O. Olice. Level Level bruge from S& by S. Somooth sea, Started fines under four boilers for severiging ships. at 7. 15 took in all sail, al J. Ho set jib and foresail. at 7.15 started steaming ahead and commenced kivinging ship, Took in foresail and jib. anevid barsmeter 30, 28. Galetet log 62.8. Signed. W. M. Sriver. Limb 8am to Meridian. Olear and warm. Gentle and moderate Stoys bruges. Slight rise in burometer. at 8.30 made sail to royals and stood or course, Set starboard stursails, at 9.15 inspected at quarters. immediately after exercised at battalion and company diell. By suspended for five daile for miglict of duty as Enquier of watch Calent-log 81.5. And barometer 30.20. Signed. It & Bannem. Ensign Meridian to 4 P. M. Pleasant weather. Genele bruge from & 6 befs. Barometer falling. Palent log 100 knots, at end of watch. Ameroid bar 30.10 Signed Harl Rohrer. Line He bo P.M. Pleasant weather with stationary barometer and gentle bruges from Sd, and Ed, Vissel on course throughout watch heading A. W. 3/4 M. al st. 45 held evening quarters, afterwards went to fire quarters. ready time Que, 30 see, andord barometer 30.21. Patent log registered 9 knots. Signed. N. J. B. Balpine Ensign Store 8. P. M. Weather clear and pleasant, Moderate bruge from & to be S. Parometer steady. Bright, moonlight, averoid at end of watch 30 111. Patent log 21. S. P. M to Midnight, Olear, and pleasant, Bright moonlight. Hod-erate bruge from & Bby S. Smooth seas Averoid barometer So. 16. Patent log 42. Signed H. Ab. Frein. Level

Moon Lanid Examined and found to be correct.

Place

Phase

W. Leeger & Navigator.

Commander A. 36. M. bairenck under the command of , U. S. Navy, Justay December 2d , 1884 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY, Commences and until 4. a. M. Generally clear and pleasant, Bright moonlight Moderate & Bby & breeze, Slight fall in barondeter, Gatent log 63 miles, Ameroid bar 30.12. 116 8. a.M. Clearand pleasant, Senth bruge from S. Cby S. Barometer steadif. Smooth sea, Galent logat end of watch 81.5 knots, Oneroid barometer 36 17 8a.m to Meridian. Clear warm and pleasant with stationary barometer and moderate breezes from Sd, and Od, Ob 9.15 inspected at glearters and exercised divisions at great guns, Dalled away all bouts farmed and equipped " time all boats 5'00", Engaged in painting hammock cloths. Vessel on course throughout water, heading N. At 9/4 A. anivid far-Meridian to 4. P.M. Weather clear and pleasant, Gentlebruge from Soby S. Darometer falling, Aneroid at end of watch 30.09. Palent log 325 At 12.20 changed course to N. A. N. 3/4 H. Patent log 4.0. Line Light. Signed. Lo. Deus. Dient Log 2016. ometer 30. 16. Galent log 102 knots, Dear, Went to quarters at 11, 45, An eroid barom Vet 30.12.

Signed, M. M. Sriver. Lieutblo 8. P. M. blear and pleasant with gentle to moderate breeze from Sty 8. Bright moonlight. Prising barometer, Ameroid 30.15 atend offwatch, Palentlog 4.5 Bigned. M. J. Sears. Ensign 8 M to Midnight, Olear and pleasant weather. Moderate breeze from 6. 6. Sarometel steady. Smooth sea, al g. os took in port lower and topmast stunsails, and braced up one point with port braces, Gatent logat end of watch 63. Aneroid barometer 30.17. Signed Starl Rohrer. Lint Examined and found to be correct.

W. Keel Bill & Navigator.

Variation of the Compass by

at

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A. Al. Weather glear and pleasant with lightbruge from & by & and slowly falling barometer, Vissel on her govers of through out watch heading M. W. H. Aneroid barometer 30.12. Palentlog 83 khots Sighed, N. J. D. Halpine & Ensign 116 8. a.M. Weather clear and pledsant, bentle to inoderate bruge from Stand Ed, Garometer rising. Set port lower and topmast stutisails at 7,46, and hauled up mainsail, Ameroidatend of watch 30,17. Patentlog 11. Signed, B. P. Rus Lieut 8 a. In to Meridian, Pleasant weather, Moderate bruge from Sto by & Smooth sea. Inspected at quarters at 9.15, after which Precised the Gathing Gun, Ameroid baronneter 30. 114. Patent log 26. M. A. Irwin. Lieut- Meridian to 14. P. Mt. Clear and warm, Moderate & Eby S. bruge Falling barometer, al-12.30 changed course to Aby Mr. Patent log at end of watch 46 miles, Ameroid barometer 30.11.

Lito 6. P. M. Weather clear and pleneant, Gentlebreige from 656 Barometer steady. at 4.45 mustired at quarters and afterwards exer side, Patent Hogat end of watch 55 knots, Ameroid batometer 30.14. 6 to 8. P. M. Char and pleasant with stationary barometer and gentle failing bruges from Sd and Ed, Vessel on her bourse throughout watch heading N by W. aneroid barometer 30.16. Patent log 635 miles. 8 PM to Midnight. Weather glad and pleasant, Oright moonlight, Moderate bruge from & Eby &. Baronseter steady. an choid plund of watch 30.18. Gatent log 82,5 C.O. Rust Frut Signed.

Novulmid Examined and found to be correct.

Phase

Variation of the Compass by

LOG of the United States Steamer Essex , 3d Rate, 6 Guns, Making passage from St Belond to New York. U.S of ch.

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-					WINDS.			BAROMET	TER.	TEM	PERAT	URE.	,		is.	0	
-	Hour.	Knots.	100.	Courses steered.	74.12		5		72	Air	Air	Water	State of the Weather.	Forms of Clouds, by symbols.	of Clear in 10ths.	State of the	Record of the sail the vessel is under at end of watch.
			Fathoms.		Direction.	Force.	Leeway.	Height in inches.	Ther.	Air Dry Bulb.	Air Wet Bulb.	-	by symbols.	symbols.	Prop. Blky. h	Sea.	
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				by D. R. at Noon											,	"	
		100															
				Observations at No												"	
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	(	Curre	nt du	ring the time	knots fi	ms. pe	er hou	r, setting	to th	e							
	,	Variat	tion o	f the Compass by A	implitude O observ	red at	Sunr	ise							,	"	
	,	Variat	tion of	f the Compass by A	zimuth O observed	dat									,	"	
				oded during the pre										205			
		Water		aca caning the pre										325		lons.	
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				ining on hand fit fo										1825		cc	P. San
	(	Coal e	consur	ned during the prec	eding 24 hours								t	ons		lbs.	
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		Longi	tude l	by Chronometer fro	m Afternoon Obser	rvation	ns O								,		
				by Chronometer fro		rvation	ns O	*									
		Longi	itude l		m Observations	rvation										" "	

, 18811.

## RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ha. W. Clear delight ful weather, Sright moon light, Moderate bruge from & Bby 6. Smooth sea. aneroid bar. 30. 14. Digned WM driver Level 1 to F. a. M. Oliar and pleasant with plation ary barometer and gentle breezes from S. Oby D. Vesselow her soulse throughout watch Theading Nby W. aneroled barometer 30.18. Gatert log 16. 6. Signed, N. J. L.J. Halpine Ensign. 8 a. M to Meridian. Olear and pleasant, Light breeze from & by 6. Carometer steady. at 9.15 mustered at quarters, afterwards shifted foresail and maintopsail, and unbent fore lopmast staysail, and maineail, By order of Coundy Officer, asst Engr &. M. Peckrell was released from suspension and distored to duty lit gos started fires under six boilers, America bar, 30. 8. Patent logathered of watch 30 knots. Signed Frank Rohrer. Timet Meridian to 11. O. Mb. Clear warns and pleasant with stationary barometer and gentle bruges from Sd and Ed, at 12.30 changed bourse to A 1/2 W. at 1, 25 furlest all sail and started, ahead undert steam. at 1,55 set fore and afteail and all plain sail on the ford. Vessel owher course throughout watch, aneroid bar, 30.12, Gatert log 46.5. 11 to 6. P. M. Weather clear and pleasant, Sent to bruge from S. 6 by 8. Sarometer strady, at 4.25 made sail on main except mainsail, and set LAS, anerved at end of watch 30. 13. Steam 31. Aus 23. Patent by 36. Quest, Liet blo 8. I. M. Clear and pleasant, South bruge from & Bby 6. Smooth sea Connected two after boilers with those in her at 7.20. askeroid bar, 30.20. Signed, W.M. Frevin. Leut 8 . M to Midnight, Olear and pleasant weather, Light breeze from By S. Baromtter steady. Under steam and sail, Steampless 27lbs and making Ill revolations. Snight proon and starlight, Smooth sea, aneroid barometer 30.19. Gal tel log 103 knots. Signed, Harl Cohrer, Quest-

Moon Louid Examined and found to be correct. The Chase

M. Keev Bird & Navigator.

Longitude by Chronometer from Afternoon Observations ⊙

observed at Sunset

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude

Variation of the Compass by

, 18811.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ha.W. Generally dear and pleasant, with quite to light-bruges from Sid and Ed, Bauled down head sails. Vissel on her contree throughout watch heading N. 1/2 W. Ov eteam 30. avows 35, an erved baronseter 36.14. Patentlog 29. Signed . A. J. S. Halpine Ensign 11 to 8, a.M. Weather grear and plasant, Denthe breige from S. S. C. Jacometer rising. at 5, 20 took in main tryeail, at 6.15 sighted a barque standing to Od, Mit 7. 20 set starboard lower stunsail, android at end of watch 30.18. Steam 31. Clas. 38. Patent log 59. 8.a.M. to Meridian, Clear and warm, Moderate bruge from S. S. M. Smooth sea, Carreised at general quarters at 9.15; secured at 9. 145. allowed steam to rundown at 11.00. Steam 43 lbs. Revo Ho, anicold barometer 30.16. Palent log 91. Signed. W. M. Frien. Meridian to 11, P. M. blear and pleasant, moderate to gentle SSE bruge. Falling barometer, at 12.30 changed course to No 1/1 at 1. 30 stopped endines and uncompled propellos. Sanked fires. Patent log 13.5, ahervid barometer 30.10. Opriad fires at 3.50. Signed . H. G. Hannum. Ensign 11 to 6, C.M. Meather clear and pleasant, Gentle breeze from 6 by 8. Garometer steady. at 4,45 mustered planarters and formented going ahead with engine, Pressure of Steam 43 lbs and making 48 revolutions. Patentloglat end of watch 29 knots, Ameroid barometer 36. 10. blo 8. O. M. Cloudy and pleasant weather with stationary barometer and gentle breezes from Sd and Ed, Versel on her course throughout watch heading ON 3/4 94. Tookin all stursails and sail on main ar steam 40 lbs. av nos 43. anervid baron eter 30. 11. Patentlog orgistered 45. 8. P. m. to Midnight, Meather clear and pleasant, Light bruge from S. E. Garometer steady. arervid at end of watch 30, 12 Steam 43, Res 43 Valentlog 75.8. 6. P. Aus. Signed. Leub

Moon land Examined and found to be correct.

Chase

W. Keel Links Navigator.

LOG of the United States Steamer Essex , 32 Rate, 6 Guns, Making passage from St Holma to Au york, U.S.a.

0	va	in	ng pass.	age from	W	01	Mille	me	v l	00	1/4	w (you	70, U	0.	10.	
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Hour.	inots.	oms.	Courses steered.			ay.					Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	of Clean in 10ths.	State of the Sen.	Record of the sail the vessel is under at end of watch.
`		Fathoms		Direction.	Force.	Leeway	Height in inches.	att'd.	Air Dry Bulb.	Wet Bulb.		by symbols.	syllioois.	Prop Sky,		
A. M.													1			
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I	Distance	ce rur	by Log since pred	eding Noon								168	knots 3	4	homs	
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			y D. R. at Noon										32 .	3'	"	<b>X</b>
	13/00		Observations at No	oon O											"	
L	ongit	ude by	y Chronometer from	m Forenoon Obser	vation	s O		,					32 . 2,	4'	00"	21
C	urren	t duri	ing the time	knots	fms. pe	er ho	ur, setting	g to th	he							THE REAL PROPERTY.
V	ariati	ion of	the Compass by A	amplitude O obser	ved at	Sun	rise							,	"	
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-							7775									

Longitude by Chronometer from Afternoon Observations ⊙

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

ander the command of Commander a, Bb. M. Carmick, U. S. Navy, Saturday December 6th, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ha M. Char and pleasant, Light bruge from St. Smooth sea Steam 43 lbs. 42 owder tions. aniod bar. 38. Patent log 107.5. Signed. M. Morwind Linet 11 to F. a. M. Bleav and warm. Light S. 6 bruge. Slight rise in barometer, Pat ent log 36. 5. Anivoid barometer 30.12, av steam 38 lbs. Pers. 38. 8 a. M. to Meridian. Pleasant weather, Senth bruge from E.S. & to E.A. C. Barometer steady. Smooth sea, at 11. 45 set jit, forethinast stayeail, and main topall look in fore top gatt sail and royal to a shift of wind, and braced up with port braces, Took in fore to reail and foresail, Under steam and sail. Steam pressure Helbs. making 3grevoletions, Gateril logat end of watch 635 anioidbande. 12. Caminglast hour of watch. Digned, Start Rohrer. Just Meridian to 4 P.M. Generally clear and warm with stationary baronneler and passing showers first hour. Light airs, and calms. Took in all fore and all sail, Vissel on her course throughout watch heading 191. Aneroid barometer 30.08. Patent log registered 31. av steam 39lbs. abows 37.5 Meather hartly cloudy and pleasant, balm, Sarometer stoady. Mustered at quarters at H. HS. Anderoid at end of watch 30.09. Steam 39 lbs Clevs. 39. Patent log 105.0 Signed, C. P. Rus, Lind 6 to 8. Pleasant weather, Light airs from No. Smooth pea, Steam 411 lbs. Revs. 41. Aneroid baron der 30.12, Galent log 20.5. V.M. to Midnight, Cloudy, Pleasant, weather. Light airs from E. St. E. since asing to gentle bruge last hour with passing skowers. Steady baro-meter, At 11.30 made fore and aft sail, foresail, and fore topsail. Patentleg. 19. avour 38.5, avetiam 39 lbs. Signed. W. G. Hannum. Ensign

Moon Sound Examined and found to be correct.

Die Prase

W. Keely Navigator.

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					WESTS.			BARONE	IND.	THOU	HILATU	THE.			Par.		
	Hour	Times.	8	Course special.			160	Weight in	When.	Air	Alle	Water	State of the Weather. by symbols.	Forms of Chouls, by symbols.	of Cles in 10ths	Since of the Sea.	Record of the sail the would is under at end of watch.
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	P. M.	Coal:	0 11 0 0 6 0 5	ch, A. W	016	11 3 3 3 2		30.02 30.02 30.02 30.04 30.04	79 79	79 79 79 79	74 75 75 75	81	be	Bun Ger Grand	11100	_	Josh in Equare sail
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not .	P. M. 1 2 3 4 5 6 7 8	Coal:	0 11 0 0 6 0 5	ch, A. W	on of the state of	433322233		30.02 30.02 30.02 30.04 30.04 30.04 30.04 30.04	79 79 79 179 179	79 79 79 79 79 79	74 75 75 75 76 76 76 76	81 81 81 81 81 81 81	be	Bun Car Carundo	1110006511		Took in spanker
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not .	P. M.  1  2  3  4  5  6  7  8  9  10  11	Cont : 04 95, 78 7777777	040086050026	ch, A. W	on of the state of	433322233		30.02 30.02 30.02 30.04 30.04 30.04 30.04 30.04	79 79 79 79 79	79 79 79 79 79 79	74 75 75 76 76 76	81 81 81 81 81 81	be	Bun Car Carundo	1110006511		Took in spanker
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Variation of the Compass by

under the command of Commander ander a. H. M. Connecks, U. S. Navy, Sunday. December 4th, 1884.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and write H. a. W. Pleasant weather, Light to gentle bruge from 6. Under eteam and eail, Barometer falling slowly, Steam press. 44 lbs and making 3g owalutions, Patent logatered of watch 77.5 knots, aneroid barometer 30.08.

Lito 8. a.M. bloudy and pleasant weather Made light of & trades, fresh. ening towards close of watch, at 6.20 gommenced distilling. Vessel on per dourse throughout watch heading N. 3/4. It. Set topgallatitsails, orgals and flying jib ! Ameroid bar 30, 14, Patent logorg, 9 Knots. Austiam 41. Plus 39.5 Signed, M. J. G. Halpine. Energy. 8 am to Meridian. Weather gloudy and pleas don't, Gentle breeze from Ad & &d. Qurometer steady. Called all hands to mustir at 9.15; read Orticles for the Better soverment of the Navy, and mustered the grus, Changed course at 8.05 to A. N. V. An erord at end of watch 30, 12, Steam 43. Peus 43. Palent log 41.5. Signed, C. P. aust. Linet Meridian to 4. P.M. Cloudy but pleasant, Tresh breeze from N. E. first-hour, fallniglight remainder of watch. at 1200 changed oburse to A Wby M, patientlog ially. at 1. 25 let fires run down, set royals and flying job the wind falling light. at 2.37 elopped steaming and set that topgalland stunsails. at 200 started Engines again and changed Towese to N. N. Ik patent log bs. 5. Took in topgallant stunsails at 2,56, Steam 45 lbs. Revs. 45, anervid bar, 30. 1. Patent log 75. Hob. P.M. Cloudy Pleasant, Very Wight HE briege, Furled sail except fore and aft sails, Ob steam 38, Revs. 39,5, Patent loggi. Overvid barometer 30.14. 6 to 8. P. M. Breather pleasant, Light bruge from B. Barometer steady, Inder Palent log at end of watch 11 knots, aperoid barometer 30.17. 80. mto Midnight, Sair, and pleasant with stationary baron eter and occasional lightning from N W to 8. first hours, Made place sail to topgallant Rails and hauled down flying jet to moderate bruge from No. aberord barometer 30, 17. Patent log 318 knots. aveteam 39. avris 38. Distilling, Signed N. J. D. Halpine. Ensign Signed N. J. L. F. Malpine. Ensign!

Moon Land Examined and found to be correct.

Dec

Phase

W. Keleon Navigator.

, 1884

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and witch I. a.M. Weather Clear, and pleasant, Bright moonlight. Moderate breeze from G.A. E. Smooth sea, Barounter steady. Ameroid at end of watch 30.12. Steam 43, Clevs. 43. Patent log 70. Distilling.

1 lo 8. a.M. Pleasant weather, Moderate breeze from AE by 6, have being to bette and freshering, At 4.10 Ret royals and starboard stunsails encept lower. Als. 46 stopped steam fing, inverseled propellos and howled fins except those under distilling boilers, Otherwise brown to 30.16. Patent log 100.5.

Signed. M. Sh. Frein. Guest. 8 am to Meridian. Clear and warm, Moderate bruge from G. N. & Slightness in baro-meter, at 8. 30 changed course to N. V. by A abg, & mustered adjuditors, exercised divisions with ordolvers; Thomas Thornton, 201 mach) reported experation of en listment, lest up and bent single oufed mains ail. Patent log 29. Ameroid bar 30.17. Signed, It. S. Hannum. Consign Meridian to 4 P.M. Weather clear and pleasant, Moderato breeze from E. H. E. Garoweter falling. Smooth sea, Observed tide rips to the Nand Bd., Patent log about of watch 53.5 hoots, ameroid baroweter 30.11.
Signed, Sarl Robers, Gill 4 to 6, P.M. Fair and pleasant with moderate bruge from Ed, Vessel on his fourse throughout watch heading N. W by N. At 4. 45 held evening quarters, afterwards fire quarters, times, ready 1m 20 bee, secured 10m 40 eec. Ambroid baronnets 30.11 Palent log 65. blo 8. P.M. Weather generally allar and pleasant with rain equalls around the horizon. Baron Strategy Moderate bruge from 6 by N. al 6. 45 look in fore topmast staysacland spanker and set starboard lower stunsail. Aneroid atend of watch 30. 18. Patentlog 79.

8 P.M to Midnight, Pleasant weather. Moderate bruge from & by A. Smooth sea, aneroid barometer 30. 16. Patentlog 9.

Signed, V. Mohrim. Line

Moon Lanid

Examined and found to be correct.

W. Kurogo Siint & Navigator

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		our.	Knots	Fathoms.	Courses steered.	WINDS.  Direction.	Force	Leeway.	BAROME Height in inches.	Ther.	Air,	Air, Wate Met Bulb, surface		Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Reord of the sail the vessel is under at end of watch.
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	No	on/o		6	"	,	6		30.09	79	79	7579	"	"	6	"	letlower standail
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100					Observations at Noor	n								12.24		"	Sr
					Chronometer from									38 . 00	, ,	"	w
71	12				g the time /6					the	St-	62° W					
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		Long	itude	by C	hronometer from O	bservations		*						0	,	"	
					Compass by Ampl		l at Su	nset						•	,	"	
M		Varia	tion	of the	e Compass by	at								•	'	"	

, 1884/.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and witel 4 a.M. bloudy overcast, Fresh & by Abruge shifting
1. 18 by 6. Occasional light rain equalls. Slight fall inbarometer, at 3.30 tooks
La description and Cathet los 36. Oninvict barreneters 30111
Signed W. H. Hannum, Onsign!
It to & a. Weather equally and dainy first-part of watch elearning
latter part, Light to fresh breeze in squalls from ON to No by 6, Baroneter
steady. Smooth sed, at 6.15 bet fore topmast staysail, Palenthogatered of
watch 64 knots. anervied barometer 30,19. Karl Robier, Bint
Signed Start Stohrer, Leub
8 am to Meridian, Fair and pleasant with fresh breeze from Ad and Eds.
at 9.011 changed lourse to Al. abg. 15 inspected at quarters and Exercised
1st and 3d divisions at infantry and 2d at single sticks, Cauled down flying
jib and fore topmast staysail and set lower stupsail, Vessel on her course through
out watch, anervid bahom eter 30, 17. Patent log 96. A. J. S. Halpine, Ensign
Meridian to H P. M. Charand pleasant, with light bruge from & A.E.
Falling barometer, Got up and rove off preventer for and for topsail braces
at 3.36 sighted a brigantine off starboard bowstanding to Sel, Hoisted Colors
ancroid Buil atend by watch, Patent log 29.
and Buil atend of watch, Patent log 29. Signed & P. Rus. Simb
11 to 6. P. M. Clearant weather Fresh bruke from O. A. E hauling to N. E.
Mustered at awarters at 4. 45 at 5, 20 took in lower stureail and let flying
jeb and fore topmast stay sail, aneroid bar, 30.19. Patent log 49.
signed, W. Morwith. Level
6 to 8. J. M. Cloudy Pleasant, Fresh Nobreige. Resuig barometer, Patent
jib and fore topmast staysail, Ameroid bar, 30.19, Patent log 49.  Signed, W. M. Snich.  Coto 8. C. M. Cloudy Phas ant, Fresh Nobreige. Rising barometer, Patent- log 61 miles. Ameroid barometer 30.20.  Signed, M. G. Hammun, Ensign
8 P.M to Midnight Blear and pleas aut, Fresh bruge from N.E. Barometer steady, Bright starlight, Sunvothsea, Palent logabend of watch 92,5 miles, averaged barometer 30, 20. Signed, Harl Rohrer. Lieut
8 Pm tomidical Mean and pleasant Fresh breeze lower No. Baro
to the of Bright-starlight beneathered. Palent log about of watch
92 5 miles One will bannes that 34. 211
Signed Hart Rohrer. Lieut

Moon Smid Dec Chasi

Examined and found to be correct.

M. Kenergy Zeint & Navigator.

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			nded di		calling 24 hours					400	gallons	-
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		-1					1111	/ //				
	1	Longitude l	by Ches	nometer from	n Afternoon Observ	rations 3					, "	
	1	Longitude !	by Chr	nometer from	n Observations		*				, "	
		Variation o	the C	ompass by A	implitude obser	well at Su	nset				, "	
		Variation o	f the C	ompass by	at						. "	

Commences and until 4 a.M. Clear and pleasant with fush bruges from Ad and Ed, Vissel owher course throughout watch heading NV. Haulid down flying jit. Aneroid baron eter 30.19. Galentlog 34.

H to 8. a.M. Theather clear and pleasant, Moderate bruge from Ad and Ed, Barometer rising. Ameroid at end of watch 30.22. Patentlog 55.

Met 1 a. L. Lines is signed. . Il. P. Cus. 8 a Me to Meridian. Bloudy and pleasant with product to stiff brief from & N. E. Ab 9.35 sighted a barque on starboard quarter standing to Laboud Ital. Ameroid 30.19. Patentlog 84, Al-12 byorder of Commanding Officer changed course to NV by It folk.

Meridian to L. P. M. Cloudy hazy weather. Moderate & N. E breeze Sallmig byrometer, At 12.15 set starb and lower stunsail, Patent log 7. C. Amerold barometer 30.18.

Signed, It & Hammun. Ensign

John to the last the last flower flight breeze from & A. E. Baro-11 to 6. P. M. Weather gloudy but pleasant, Light bruge from 6. A. 6. Barometer 30. 20 Patent logat end of watch 17 knots. Harl Roher. Licut from Nand Ed, Versel on his gourse throughout watch heading Signed. N.J. E. F. Halpine Gusegn I OM to midnight, Heather overcast and pleasant, Moderate bruge From No and Bet, Barometer steady, Ameroid at end of watch 30. 19. Signed, C. Rus, Line Moonlanid Dec Chase Examined and found to be correct. m. Cerong

Liest & Navigator.

LO									0		1 1	11		b.	0188.
M	Val	Ken	ig has	eage f	we	w	Sty	be	ler	eas s	to Oru	w leso	1	0,	HOOP.
			17	11								1			
		0		WINDS			BAROME	TER.	TEMP	ERATURE.	State of the	Forms of	Clear 10ths.	State	Roord of the sail the vessel is under
Hour.	Knots	Fathoms.	Courses steered.	Direction.	Force	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet at Bulb. surface.	Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in	of the Sea.	at end of watch.
A.M.				9.0	-						1				
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6	6	3	-	"	11		30.07	78	77	73 79		Wrat	4		
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Noon	. 6	0	' .	".	3		78.10	19	10	10 79	".	"		"	
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			by Log since prece	ding Noon							, , , ,	140 4	3,	"	
			D. R. at Noon									43. 3.		"	
			y D. R. at Noon									14. 4		"	
		ide by	Observations at Noo	on co											
	T amount	and h	"Change of the form	Enimon Obser	ations	0								"	
			Chronometer from				sutting to	the				43.3.		"	
	Curre	nt duri	ing the time	knots fn	is, per	hour,	setting to	the						"	
	Curre	nt duri	ing the time the Compass by Ar	knots fn mplitude ⊙ observ	ed at S	hour,	e	the					5,		
00	Curre Varia Varia	nt duri	the Compass by Az	knots fn mplitude ⊙ observed nimuth ⊙ observed	ed at S	hour,	e	the .				43.3.	5,	"	
101	Curre Varia Varia	tion of	ing the time the Compass by Ar	knots fn mplitude ⊙ observed nimuth ⊙ observed	ed at S	hour, Sunrise	e u	the				13. 28	5,	"	
101	Curre Varia Varia Water	nt duri	the Compass by Ar	knots fn mplitude ⊙ observed cimuth ⊙ observed eding 24 hours during the prece	ed at S	hour, Sunrise	e u	the .				13. 28	5,	"	
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02	Varia Varia Water Water Water	nt duri	the Compass by Art the Compass by Art ded during the preceding on hand fit for the during the preceding the preced	knots fn mplitude ⊙ observed minuth ⊙ observed eding 24 hours during the preo use at Noon ding 24 hours	ed at 8	hour, Sunrise 24 hou	e u	the .			77	13. 28	5 , ga	"	
101	Varia Varia Water Water Coal of	nt durition of tion of exper	the Compass by Araded during the preceding on hand fit for	knots fn mplitude © observed muth © observed eding 24 hours during the preo- use at Noon ding 24 hours	ed at 8	hour, Sunrise 24 hou	e w		81	15 10	17 be	13 · 28 300 1900 tons 4	5, ga	"	
P. M.	Varia Varia Water Water Coul	nt durition of tion of experience remain	the Compass by Ar the Compass by Ar ded during the preceding on hand fit for the during the preceding on hand at Noon	knots fn mplitude ⊙ observed minuth ⊙ observed eding 24 hours during the preo use at Noon ding 24 hours	as per ed at S at 8	hour, Sunrise 24 hou	30.10	7/9	81	75 79	be to	13. 28	5, ga ga 6	"	
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P.M.	Varia Varia Varia Water Water Coal c	nt durition of tion of experimental remain	the Compass by Ar the Compass by Ar aded during the preceding on hand fit for the during the preceding on hand at Noon	knots fin implitude © observed imuth © observed eding 24 hours during the preor use at Noon ding 24 hours	as per ed at 8 at 8 eding 2	hour,	30.10 30.10 30.10	7/9	81 82 78	75 79 76 79 74 79	be och	13 · 28 300 1900 tons 4	5, ga ga 6	"	Jook in bower steer
P.M. 1 2 3 4	Varia Varia Water Water Coul	nt durition of tion of experimental remain	the Compass by Ar the Compass by Ar aded during the preceding on hand fit for the during the preceding on hand at Noon	knots fn mplitude © observed muth © observed eding 24 hours during the preo- use at Noon ding 24 hours	at 8 at 8 at 8	hour,	30.10 30.10 30.08	7/9	81 82 78 78	75 79 74 79 74 79	be och	13 · 28 300 1900 tons 4	5, ga ga 6	"	Jook in lower steer
P.M. 1 2 3 4	Varia Varia Water Water Coul	nt durition of tion of experimental remain	the Compass by Ar the Compass by Ar aded during the preceding on hand fit for the during the preceding on hand at Noon	knots fin implitude © observed imuth © observed eding 24 hours during the preor use at Noon ding 24 hours	s. per ed at S at 8 at 8	hour,	30.10 30.10 30.10 30.07	7/9	81 82 78 78 78	75 79 76 79 74 79 74 79 74 79	be of be	13 · 28 300 1900 tons 4	5, ga ga 6	"	Jook in lower steer
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P.M. 1 2 3 4 5 6 7	Varia Varia Water Water Water Coal r  Coal r  44 5 3 44 44 44 44 44	at durition of tion of	the Compass by Ar the Compass by Ar aded during the preceding on hand fit for the during the preceding on hand at Noon	knots for implitude © observed imuth © observed eding 24 hours during the preof use at Noon ding 24 hours	s. per ed at 8 at 8 at 8 at 8	hour,	30.10 30.10 30.09 30.09 30.09 30.09 30.00 30.10	79 79 78 78 78 78 78	81 82 78 78 78 78 78 78 78 78 78	75 79 74 79 74 79 74 79 74 79	oc be	13 · 28 300 1900 tons 4	5, 000 2 630121	"	Look in bower steer
P.M. 1 2 3 4 5 6 7 8 6 9	Varia Varia Varia Water Water Water Coal r  Coal r  44 5 3 44 5 44 5	at durition of tion of	the Compass by Ar the Compass by Ar aded during the preceding on hand fit for the during the preceding on hand at Noon	knots fin implitude o observed imuth o observed eding 24 hours during the preo use at Noon ding 24 hours  Cheby ch.	s. per ed at 8 at 8 at 8	hour,	30.10 30.10 30.07 30.08 30.09 30.09 30.00 30.10	79 79 78 78 78 78 78	81 82 78 78 78 78 78 78 78	75 79 76 79 74 79 74 79 74 79 74 79	oc be	13 · 28 300 1900 tons 4	5, 630121022	" " " " " " " " " " " " " " " " " " "	Let port chancels
P.M. 1 2 3 4 5 6 7 8: 6 9 10	Varia Varia Varia Water Water Coul of Coul of 4 4 5 3 4 4 5 4 5 4	nt durition of tion of tion of experience of the	the Compass by Ar the Compass by Ar aded during the preceding on hand fit for the during the preceding on hand at Noon	knots for implitude © observed imuth © observed eding 24 hours during the preof use at Noon ding 24 hours	s. per ed at 8 at 8 at 8 at 8	hour,	30.10 30.10 30.07 30.07 30.07 30.10 30.10 30.10	79 79 78 78 78 78 78 78	81 82 78 78 78 78 78 78 78 78 78 78 78 78 78	75 79 76 79 74 79 74 79 74 79 74 79	oc be	13. 28 300 1900 tons 4 " 119  Bicum Circum Circum	5, 6301210.	"	Let port chuncaite for topgalland
P.M. 1 2 3 4 5 6 7 8 10 11	Varia Varia Varia Water Water Coul r  Coul r  44 5 3 14 45 14 5 14 3 1	remain  remain  remain  remain	the Compass by Ar the Compass by Ar aded during the preceding on hand fit for the during the preceding on hand at Noon	knots for implitude © observed imuth © observed eding 24 hours during the preof use at Noon ding 24 hours	s. per ed at 8 at 8 at 8 at 8	hour, Sunris	30.10 30.10 30.08 30.09 30.08 30.00 30.10 30.10 30.10	79 79 78 78 78 78 78 78 78 78	81 82 78 78 78 78 78 78 78 78 78 78 78 78 78	75 79 76 79 74 79 74 79 74 79 74 79 74 79	oc be	13 · 28 300 1900 tons 4	5, 6301210223	" " " " " " " " " " " " " " " " " " "	Set port chursails for topgalland
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P.M. 1 2 3 4 5 6 7 8 10 11	Varia Varia Varia Water Water Coal r  Coal r  H  H  S  3  H  H  S  N  S  N  S  N  S  N  S  S  S  S  S	tion of tion o	the Compass by Ar the Compass by Ar ded during the preceding on hand fit for the during the preceding on hand at Noon	knots fin mplitude © observed minuth © observed eding 24 hours during the preo use at Noon ding 24 hours  Cheby ch	s. per ed at 8 at 8 at 8 at 8	hour, Sunriss	30.10 30.10 30.08 30.09 30.08 30.00 30.10 30.10 30.10	79 79 78 78 78 78 78 78 78 78	81 82 78 78 78 78 78 78 78 78 78 78 78 78 78	75 79 76 79 74 79 74 79 74 79 74 79 74 79 74 79	oc be	13. 28 300 1900 tons 4 " 119  Bicum Circum Circum	5, 6301210223	" " " " " " " " " " " " " " " " " " "	Sook in bower steer
P.M. 1 2 3 4 5 6 7 8 10 11	Varia Varia Water Water Coul r  Coul r  Long	at durition of tion of tion of experience of the	the Compass by Ar the Compass by Ar ded during the preceding on hand fit for the during the preceding on hand at Noon	mplitude © observed imuth © observed eding 24 hours during the preor use at Noon ding 24 hours described by the second of the se	s. per ed at 8 at 8 at 8 at 8	hour, Sunriss	30.10 30.10 30.08 30.09 30.08 30.00 30.10 30.10 30.10	79 79 78 78 78 78 78 78 78 78	81 82 78 78 78 78 78 78 78 78 78 78 78 78 78	75 79 76 79 74 79 74 79 74 79 74 79 74 79 74 79 74 79 74 79	oc be	13. 28 300 1900 tons 4 " 119  Bicum Circum Circum	5, 6301210223	" " " " " " " " " " " " " " " " " " "	Set fort churcaits for topgalland

1884

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Hoon I mide Dec Chase

Examined and found to be correct.

Mr. Kung

Lings Navigator.

1	LO	G of	the	UNITED STA	TES	6	Ste	am	er	/	"Ess	les.	, ,	30	,	Rate, 6 Guns,
	0	Me	ah	uig pas	sagey	ros			H	bel	lend	,	New (	260	1	k. USofA.
		T		1	WINDS.			BAROMETE	ER.	TEMP	ERATURE.		1	Par.		
	Heur.	Knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air, Dry	Air, Water at Bulb, surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl. Sky, in 10th	State of the Sea.	Roord of the sail the vessel is under at end of watch.
	A. M.		4	101.01.101	118	0		3. 10	-18	10	/	1	2: 0	4	1	011.
	1	3	5	ANY MIN	5.00	2		30.10	70	79	76 79	bo	Cir Cum	6		Allequare eail exceptor
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+44+	5 5	3	11		686	. 2		30.011.	78	79	25 29	,	i	7	"	
	6	3	2		,	2		3008.	78	79	15 79	,	"	6	"	
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1.56	8	3	6.		,	- 2		30.08	18	79	75 79	,	,	6	,	
	9	3	6		,	2		30,10	781	78	73 79	,	Ci + cum	7	"	
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Nº 08	11	2	8	,,	"	2		30.10	78	79	74 80	" 1111		8		
5000	Noon.	2	5	"	,	2		30.10	78	80	75 80	"		8		
					11 27		-	/				81	7 knots 3	tech	ello	
				by Log since prece	ding Noon	•						09	knots of	,	//	
				D. R. at Noon									450 01	8,	"	
	Longitude by D. R. at Noon  Latitude by Observations at Noon   O									150 09		"				
	Longitude by Chronometer from Forenoon Observations o										21	"	Section			
	Current during the time 6 knots fms. per hour, setting to the W												-			
7	-			the Compass by Ar									•	,	"	
+				the Compass by Az			,						110	,	"	
				nded during the prec									350	gal	lons.	* 10-10-10-10-10-10-10-10-10-10-10-10-10-1
		Water			during the prec	eding 2	24 hor	urs					+63		"	
													1550		"	
				ining on hand fit for	use at Noon								7900			
	-	Coal e		ining on hand fit for ned during the preced									tons 4	400	lbs.	-
			onsum		ling 24 hours		•					77	tons 4	200	lbs.	
		Coal r	onsum	ed during the preced	ling 24 hours							77	tons 4	2	lbs.	
		Coal r	onsum	ned during the preceding on hand at Noon	ling 24 hours			0	0	8	dt a	77	" 79	2	lbs.	
	P.M.	Coal r	onsum emain	ed during the preced	ling 24 hours	2		80.07	8	70	78 80	be 17	tons 4 " 19 Cirkana	2	lbs.	
	P. M. 1 2	Coal r	emain	ned during the preceding on hand at Noon	ling 24 hours	220		30.67	18	F0 81	75 80	fe.	" 19	2 78	5	
	P. M.  1  2  3	Coal r	emaini 6 8	ned during the preceding on hand at Noon	ling 24 hours	2 2		30.07	18 18	TO 81 81	78 80 75 80 75 80	be "	" 79	2	lbs. "  S	
	P.M. 1 2 3 4	2 2 3 3	6 8 0	ned during the preceding on hand at Noon	ling 24 hours	222		30.07	78 78	81	78 80 75 80 75 80	,	Cirkuu	2 7887	5	
	P.M.  1 2 3 4 5	2 2 3 3 3	6 . 8 o o o	ned during the preceding on hand at Noon	ling 24 hours	2222		30.07		81 801	78 80 75 80 75 80 75 80 74 80		" 19	2 78	5	
	P.M. 1 2 3 4	2 2 3 3 3 3	6 8 0 0 0 0 0	ned during the preceding on hand at Noon	6 S B	22222		30.07	79	81 80 80 80 1.	7480	, ,	Cirkuu	2 7887	5	
A. 19.	P.M.  1 2 3 4 5	2 2 3 3 3 3 2 2	6 . 8 o o o o o o	ANAMAN	ling 24 hours	222222		30.07	79	81 80 80 80 80		, ,	Cirkuu	2 7887	5	
Nº 16	P.M.  1 2 3 4 5	2 2 3 3 3 2 2 2	6 . 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ned during the preceding on hand at Noon	ling 24 hours	222222		30.07	79	81 80 80 80 80	7480	fol	Cirkan	2 7887	5	
10 16 16 16 16 16 16 16 16 16 16 16 16 16	P.M.  1 2 3 4 5 6 7 8	2 2 3 3 3 3 2 2 3	6 . 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANAMAN	Est s	2222222		30.07 30.07 30.05 30.05 30.05 30.05	79	81 80 80 80 79	7480 7480 7480 7480	, ,	Cirkan	2 7887879971	S + 1 11 11 11 11 11 11 11 11 11 11 11 11	
100 to 10	P.M.  1 2 3 4 5 6 7 8 9 10	2 2 3 3 3 2 2 3 ·	6 . 8 0 0 0 0 0 0 0 6 6	ANAMAN	ling 24 hours  6 S B  " " " " " " " " " " " " "	22222222		30.07 30.07 30.05 30.05 30.05 30.05	79	81 80 80 80 79 79	74 80 74 80 74 80 74 80	fol	Cistand	2 7887879976	5	
104 16'	P.M. 1 2 3 4 5 6 7 8 9 10	2 2 3 3 3 3 2 2 3	6 . 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANAMAN IN	ling 24 hours  6 S B  " " " " " " " " " " "	222222223		30.07 30.07 30.05 30.05 30.05 30.05 30.05 30.05	79	81 80 80 80 79 79	7480 7480 7480 7480	fol	Cistand " " " " " " " " " " " " " " " " " " "	2 7887879971	S + 1 11 11 11 11 11 11 11 11 11 11 11 11	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P.M.  1 2 3 4 5 6 7 8 9 10	2 2 3 3 3 3 2 2 3	6 . 8 0 0 0 0 0 0 0 6 6	ANAMAN	ling 24 hours  6 S B  " " " " " " " " " " " " "	22222222		30.07 30.07 30.05 30.05 30.05 30.05	79	81 80 80 80 79 79	74 80 74 80 74 80 74 80	fol "	Cistand	2 788787997661	S + 1 11 11 11 11 11 11 11 11 11 11 11 11	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	P.M.  1 2 3 4 5 6 7 8 9 10 11 Mid.	2 2 3 3 3 2 2 3 3 1/ 5	6 . 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANAMAN IN	ling 24 hours  6 S B  " " " " " " " " " "	2222222233	0	30.07 30.07 30.05 30.05 30.05 30.05 30.05 30.05	79	81 80 80 80 79 79	74 80 74 80 74 80 74 80	fol "	Cistand " " " " " " " " " " " " " " " " " " "	2 788787997661	S + 1 11 11 11 11 11 11 11 11 11 11 11 11	
10 to	P.M. 1 2 3 4 5 6 7 8 9 10 11 Mid.	2 2 3 3 3 2 2 3 3 1/5 Longi	6 . 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANAMAN	ling 24 hours  6 5 6  " " " Afternoon Observations	2222222233	•	30.07 30.07 30.05 30.05 30.05 30.05 30.05 30.05	79	81 80 80 80 79 79	74 80 74 80 74 80 74 80	fol "	Cistand " " " " " " " " " " " " " " " " " " "	2 788787997661	S " " " " " " " " " " " " " " " " " " "	
×-6-	P.M.  1 2 3 4 5 6 7 8 9 10 11 Mid.	Coal n  2 2 3 3 3 2 2 3 3 L/ 5  Longii	6 . 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANTALLAS	ling 24 hours  6 5 6  " " " Afternoon Observations	2222222233		30.07 30.07 30.05 30.05 30.05 30.05 30.05 30.05 30.05 30.05 30.05	79	81 80 80 80 79 79	74 80 74 80 74 80 74 80	fol "	Cirkund " " " " " " " " " " " " " " " " " "	2 788787997661	S " " " " " " " " " " " " " " " " " " "	

, 1884/

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 1/ a M. Clear and pleasant weather, Light bruge for	one
& S. O. Carometer falling slowly, smooth sea, Inight moon and starlight Pri	teus
logatend of watch 9 Aknots, Oneroid barom eter 30, 14. Karl Rohrey Ten	
I signed, Karl Rohrer, Tenn	5
116 8. a.M. Generally clear and pleasant with light bruges from 686. Dess	el
owher course throughout watch heading A Mby Ir to the abdaylight mas	10
a small barque outstarboard beam standing to Itd, ameroid barons eter 30, 19	7.
Patent log registered 107, 5, knots,	
Jegned Or. J. B. J. Halpino. Onsig	in
Palent log registered 107.5 knots. Signed A. J. B. Halpino. Ensign & am to Meridian blear and pleasant with light & & bruge, ald	0
went to general quarters and exercised without powder, Barque in se	ght
on starboard quarter, hoisted golors at 9.15, Catentlog 20, Unervid bar, &	2.15
Meridian to H G.M. Clear and pleasant, Senthe bruge from & S. Sm.	ub
Meredian to H J. M. Olearand pleasant, Gentle bruge from OSO, Smi	roth
Lea, Ameroid barometer 30. 18, Fatent log 21.	
Dry las signed, Wondriver. Lee	16-
11 to 6. P. M. Clear and pleasant, Tight & & bruge, Slight fall in baron	elev
At 4. 45 mustered abquarters, Patent log 30, Anerold barbineter 30.12	
signia, I, S. Dumium, mare	gre t
6 to 8, C.M. Clear and pleasant weather Right breeze from & Bby S. Jarous the	ev
Palet log 41 knots, Tightning to the No and No, Unevidated of watch 30.	7.
Valetillog 41 Ruds,	,
On Low 1 1. 11 Signed , Harl Rohars Lice	16-
I P. M to Midnight, Fair and pleasant with light freshening bruge from Idan Took in and est all port etunsails to light shift of wind, Oceasional lightning to the	de
Look in and let all port stimules to light shift of winds Secasional signing to he	a
first ling hours Versel on her course throughout watch heading NA by Holl. and ervid barons eter 30.16. Patent log 56 thots	-
Service baron eter 30.16. Palent log 86 18 hold Signed, A. J. I. S. Halpine. Eusegn	

Mountmid · Dec Phase

Examined and found to be correct.

Listy Navigator.

				UNITED STA			0	ann	-	-			- Committee of the Comm	. , ,	30	1	Rate, 6 Guns,
	0	la	Kes	ig passe	age from	v le	25	Del	en	ai	00	11.	uv Yo	1R. 4	10	of	America.
	Hour.	Knots	Fathoms.	Courses steered.	WINDS.  Direction.	Force.	Leeway.	Height in inches.	-	Air,	Air, Wet Bulb.	Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Reord of the sail the vessel is under at end of watch.
	A.M	6	0	AN-11-1.	8648.	3		30.08	11	/	1		1 .	Cir ann			All plain sail to topgat
	3	4	0	cr94+94/94	Nav ON B.	3 5		30.05	1.1	/	/		balr	Que Rink	0		except mainsail
	4	14	2	-	ENE	5		30.05	76	74	71	80	bo	Lev lam			bet main sail sayals a
	6	17	0		6+8.	3		30.03	/	74	71	79	,	,	7	"	Took in spanker
Ur 15°31	7 8	6	0	,	686.	3 4		30.06	1	/	1	79	,	"	6	"	Let port stunsails en
46.94	9	-	5	,	16+6.	4		30.10	77	74	73	79	,	Cir lune	3		lowel
	10	5	150	, ,	,	4		30.12		78	74	80	"	"	5	"	
	Noon	4	8	,	"	4		30.12	11	1	1	80	"	,	4	"	
		Distar	nce rui	by Log since preced	ling Noon								114	knots &	Z	uth	
				D. R. at Noon										150 4		"	
ı				oy D. R. at Noon Observations at Noo	n 0									46.5	,	"	
1				oy Chronometer from		ations	0							46.5	8,	"	
		1000						setting to	the	Wa							
	716	Varia	tion of	f the Compass by An	nplitude ⊙ observe	ed at S	unris	e						•	,	"	1
				f the Compass by Az		at 8	an	u.						100 50	, ,	"	
		Water		nded during the prece	eding 24 hours during the prece	eding 2	24 hor	urs						350		lons.	
				ining on hand fit for										120	0	"	
		Coal	onsun	ned during the preced	ling 24 hours									tons 4	400	lbs.	
		Coal	emain	ing on hand at Noon									77	" 39	92	. "	
	P. M								1								
超	1 2	5	0 2	Norw.	S&x &	3		30.11	78	78	/	80	oen	5 Runds	0	8	Jook in all etims ails
鏖	3	5		MOIN.	J.	3		30.09	74	78	73	80	be ord	Les Que	0	"	
1	4	4	8	. ,		3		30.07	74	78	73	80	"	3 cum	1	"	Set be du of mains ail
1	5		5	,	,	3		30.08	74	198	73	80	oon	fun &	0	"	
	6		0	*	0".0	3		30.08	74	78	73	80	red	"	0		
55	4 2	-	0	,	86 x S.	3		30.08	75	75	71	80	1"	"	0	"	
1	31 9	1	0	"	186	5		30.09	76	74	70	80	oc N	"	0		Let fore tokt et ay sail
	10	7	0	"	11	5	1	30.11	76	74	/	79	bell	1	1		ser fore logs et agente
	11	7	0	"	0.10	4		80.12	76	74	170	79	bel	"	11	,	1 1
	Mid	. 6	8		686.	4		30. 12	76	74	70	79	"		5		Hanled up main sail
		Long	itude	by Chronometer from	Afternoon Observ	vations	0							•	,	"	
		Long	itude	by Chronometer from	Observations			*						•	,	"	
				of the Compass by A	mplitude obser	ved at	Suns	et							,	".	
	To the same of the	Vari	ation o	of the Compass by	at									•	,	"	

, 18844.

# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and witil 4 . M. Weather unsettled squally and rainy during fire	1
hart of watch with sudden shifts of wind. Growing settled latter part with NB	
trades. at 1.35 look in all stursalls and royals and set fore topmast stayeail, at	
3 25 refraginal royals flying ist and observed and at end of water 30 th	
Signed Signed	-
3.35 est mains al, voyals, flying jib and spranker, Ameroid at end of watch 30, 16, Signed. b. C. Rus. Lind	
gradually to St. 6. Smooth sea, at 4, 3, braced in and set starboard stuns hils	
took in spanker, flying fib and forelopmast staysail, aby 45 laid the yards	
1000 m m spannen, sugar givana foreisprimas siagrale, and 110 min in garas	
by mine and for fair or pringered is; was seen up mountaine. White said to the said of the	
A guare and set portestutials; harded up mainsail. Amerid bar 30.20. Patret toggy. Signed It. M. Spevin. Died Died 8 a. Meto Meridian bloudy. Pleasant, Moderato S & by & bruge, Slight rice in	
harmon to at the such state of a cartest Potente & Dog Virige, stight free les	
Daromero, da giro inspiration programmers, owner log 17.0, versitive varonien 50.20	
Meridian to 4, P.M. Weather unstitled and raines, Sente bruge from & to & by	
Garoneter falling. at! changed gourse to WAN by order of baptain and look in the	
starboard stuned is, Paid monthly money to grew, Patent log 38, Ruots, averoid bar, 30, 17	
Signed, Hart Rohrer, Deut	
4/ 10 to 18 Mil Donald and Donald willy low love barrens have so borne so bear well and bear	
Course throughout two Tale he Avia MA M. Amerid hadowetter 30.22. Patent ton Ho	
Land A Bothon Busian	
Lowe throughout watch heading It It It, America baloweter 30.22. Patent log Hy Signed A. J. B. J. Calpine, Busign 6 to 8. P. M. Weather overcast and squally with driggling pairs. Barometer steady	
At 25 trok in all strussill and let weather dies as bearing it Ornered at and of	-
watch 30 23 Pate I last	
8 P. M. to Midnight, Overcast cloudy and raining first part clearing last two hours with frequent lightning. Grush bridge from p. A. C. hauling to & Spand plightly mos	-
8 PM to Midwight Description de de la liste heart al region la true la	
with be a well the trains Her by by the land of the band of the the	,
enative Of 11 the last home aire of and have love lot and of the self of	
levis Illian to 3 2 Pot the Co	-
evaling at 11. 56 handed up mains all and haveled down for lopwast etayedil. On evoid barometer 30. 20, Patent log 89.5. Signed. M. M. Trwin. Freet	

Swowlanid Dec Phase

Examined and found to be correct.

N. Keeson

	1															
1																
							0			4						
	L	0G	of	the	UNITED STA	TES	Ste	ann	ev	6	isea	,	,	3d	,	Rate, 6 Guns,
	0	M	las	Ken	ig hass	ago ho	w,	Sti	Bell	ena	v to	New	You	k.	. 6	USA.
					11	10			METER.		RATURE.		1	34		
	В	e. 1	Knots.	ma.	Courses steered.	WINDS.			7	Air, A	Air, Water	State of the Weather, by symbols.	Forms of Clouds, by symbols.	E .	State of the Sea.	Reord of the sail the vessel is under at end of watch.
				Fathor		Direction.	Force.	inches		Dry Balb. B	Wet at surface.	oj symonik	7,1111	Prop. 8ky,		
	A.	M.	,		0/ 10/							0				
		1	6	5	St. St. St.	686	4		9 75		279	be	Cir	91	8	all square sail secret
		2	6	5		8. 8. 91	11		176	76%	7279	"	Cir Cum Quings	8	"	wrather slew of mainsail,
		4	19	0			11	30.00	/	76	7279	,	nuny	/	"	and go
		5	16	5		8 x 6	4	30.0	676	76	7279	bel	firem	8		
		6	6	5		8.8.6.	11	30.00	./ .	76	7279	"	0:05	5		Took in mains ail and
6° 06'		7	6	5	•	686.	11	30.0	076	76	7279	be	Gir Canu	5	"	let all etuusails
19.08		9	4	11		,	11	30.1	5 77	77	72 79	"	"	#	,	
	1	0	19			*	1	30.1	577	77 7	7279	,	,	5	,	Took in elbot lower & tople
	E (c)	1	16	8		86	4	30.1.	1	787	13 79	"		5		elemails and settle cleu
	No	00B.	6	3	•	,	4	30.1	37	787	13 79	"	,	6	-	of mainsails.
		I	Distan	ce run	by Log since prece	eding Noon						152	knots 0	teus father	Phos min.	
		1	atitus	de by	D. R. at Noon								160 K		"	
					y D. R. at Noon								490 30	0'	"	,
					Observations at No.		ations ①						490 3	6.	"	N W
					ng the time 7			ur, setting	to the	Jr 7.	3°W.					4
	116	- 1	Variat	ion of	the Compass by A								100	,	"	W
					the Compass by A		at						60	,	"	
			Water Water		ded during the prec	eeding 24 hours during the prece	eding 91	hones					350		ons.	
					ning on hand fit for								850			THE PERSON NAMED IN
					ed during the prece								tons 4	00	lis.	
		(	Coal n	emaini	ing on hand at Noor	n						76	" 22	32	**	
	P.	M.														
		1	5	5	2/12/	8.6	11	30.1.	2 78	80 -	7579	be	Lis Cun	5	8	
		2	5	5		,	1	30.1	/	86	75 79	,		5		Principle of the second
		3	6	0		818	11	30.1	//	80.	7579	,	Girland			
35 16°25	1	5	5	2		020.	11	30.1	//	800	7579	"	-	3		
53.0		6	5	11	,	"	4	30.	11/19	80	7579	beh	Cio Cerro		"	Marledspand fur led mainsail and set atto
16°2	41	7	6	100	,	86 c. B.	3	30.1	1/19	79	7679	"	,	6	"	
01		8	5	5	,	18	3	30.1	379	79	7679	bedl	"	2	"	etuusails,
12	5	10	6	5	."	50.	4	30.1	979	79	7579	bel	Ci Cum	10	"	
		11	4	0	,	"	5	30.	15/18	79	7579		Cum	6		
	1	Mid.	17	0	"	"	5	30.1	3/78	78	7479	befil		5		
			Lone	tude l	by Chronometer from	m Afternoon Ol	vations 6	,	11		,			,	"	
					by Chronometer from		TANKIN C	*						,	"	
					f the Compass by A		rved at S	unset					•	,	"	
			Varia	tion o	f the Compass by	ai	t						•	,	"	

Commences and until Ha M. Olean,	and pleasant, Bright starlight
Halling barometer, Moderate bruge for	om 68 6 to S. S It. Patent log 13. Auer-
vid Haroiseter 30.39.	
S	and Orly Thomas Comment
Halling barometer, Moderate bruge for vid barois eter 30.39,	attend Made to be well &
+ B & B	+ Mo crate vrige from soy
to 656. Sarometer rising, Light	ring to II early part of water. The
wind coming aft hauled up the mo	ausail, Aquarge yards and set all
Alunsails. Talent logat end of walch	39 Anervied barometer 30.23. Signed, Harl Coher, Gub
	signed. Harl lohrer, Sunt
8 am to Meridian, Jair and plea	asant with moderate breezes from
Id and Od, I prefected at quarters	al 9.15. John Ht anaspie Schoolmaster
and James Gillespie, Blacksmith.	) reported the expiration of their lernes
of enlistment, Took instarbourd	lower and topmast etunsails and set
be plus of mainsail, ancivid baron	eneter 30.24. Patent tog 68 Kusto, Vessel
owher course throughout watch her	Signed. A.J. D. Haspine Energy
	Signed. A. J. J. Halpine Queigns
Minedean to 11 ( MA Wentled boats	the closed and be as out - M. Least
breeze lament Id mind Bed Commention the	and Contract of and of water do in Blica
reige from sajuno sa, suromen sus	Bis and per man of the series 42.
11/26 Pm 61 1 + +6	Signed, Will etarboard eroid barons eter 30, 23.
Of the Now Would with passing	nowers. moderate oreign from pool
it is maisted up and furled mains all	uno put on lover, ser all ciarboara
sunsails, Doisted emoke stack, Ur	erord barons eler 20,20.
165001111 , 00 .	signed. Il Monord. Leut
6 to 8. J. M. Oloudy Oceas woral	rain equals Sente & Day & bruge
Slight rise in baryon eter, ab 6.30 pl	Prairie squalls Gentle & & by & bruge larted fire for condensing. Patent
log 13. 5. averved baron ter 30, 24.	
	Signed, It. G. Harrien, Ensigne ant, Moderate to frish bruge from ers in first and last hours of Satter. and commenced distilling at 10.
8 . M to Midnight Weather pleas	ant Moderate to fresh bruge from
& 6 to & 6 by 6, Bight passing show	ers in first and last hours of atten.
at 8. slarted fires under two boilers	and rommenced distilling at 10.
Palent load end of watch 39,5 knots	, whow vow or was directly
Palent logat end of watch 39,5 knots	, whow vow or was directly
Palent logat end of watch 39, 5 knots	Signed, Karl Robrer, Leut
Palent logat end of watch 39.5 knots	, whow vow or was directly
Palent logat end of watch 39.5 knots	, whow vow or was directly

Moonlanid Pic Phase

M. Kurgo Legent & Navigator.

Commences and until Hel.	M. Jenerally Clou	dy and threatener	ig with con-
tweed lightning all rows	idnorizon. Dook in	all port stunsails	Dessel swhoe
course throughout watch to	reading W. N. W. Dis	tilling anervid 30	19. Pat log 66.
	Skaned	MJ. L. J. Halp	ine, Edsign
Ho 8. a.m. Weather gloud	ly and hairy with I	hunder and light	ning Gadometer
steady. at 4.05 took in rough	Is at-6.15 betrough	at 115 oct all start	oard stuusails
Distilling Sighted avoles	I owstanbourd bow	-01-6.00. aneroid	et end of watch
Distilling. Sighted anderse 30,24. Palent log 89.	1		
Cor 24, Vice 20 may p	Signed	b. P. Ress	Lunt
8 am to meridian, Clou	de and wereast ?	wedgente brige for	m East at
9.30 mustered at quarters a	and exercised division	ins with willed and	theoretical
instruction, al 8,59 clarted	livis under six boiler	a Distilling Stan	ted aheadun-
der ste am at 10, 45, at 11.4	15 shope to buglish	barous David o	f St Johns.
New Brunswick, and ga	we her our longitu	de she hove to, wal	ted forus,
thinking that we werelow	fire, she having see	w smoke, but coul	ld not see
smokestacks. anirved bars	meter 30, 25. Palent	login. Took in los	haalland
etunsails totaallantsa	Is and royals who	Il sheaking to bar	aue.
prospection, supply to the feet	Biomed	W. M. Trevin .	Quil-
Meridian to 4. P.M. blow	du Fredrent vain	squalls. Modera	to breeze vary
ing in derection from 6 to	A Folling borons	ter Patent log 52	mills, ander-
odbarometer 30, 25. Av ste	and the Rede Un Sails	in sight on holt bear	watend of
watch.	110 110. 0000 1.11		
	Siamed,	U. G. Hannun	Ensian
16 6. P.M. Weather generall	I bleasant Modera	to to high bruse for	om &NOto
		( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	., , ,
Horaugh time O wild have	menter 30 no Patent le	van kunts.	7
Minosimons, anewoavan	Signed Sund	Harl Rohrer	Linet
6 to 8 PM bloudy blower	tweather with mode	rate bruses from	Ad and Ed Ves-
Relowhen Course there about	watch heading It A	It. anwid barow	eter 30.29. Pat-
ent log 88.5 kunts Stram Us	Revs 44. Distoling		
Howolitions, anerodo bare blo 8. P.M. blowdy pleasar Relowher goursethroughout ent log 88.5 knots. Steam 42. 8 P.M to Midnight. Steam 42. from N. E. Garometer rising distilling boilers. America	Signed	A.J. L.J. Hal	pine. Eusign.
8 Cm to Midnight Weather	generally cloudy an	ed pleasant, Mode	rate breeze
from N. E. Randomater riquing	Stopped distilling	at 9.00, and hauled	fires under
distilling briles Orening	at end of watch so.	28, Patent log 22.5.	
g some. Common	Signie	d. C. P. Rus.	Just

Moon & mid

Examined and found to be correct.

Mr. Kurro

Steam 36 be Aver 112 Average from The sail weather Moderate to quette brige from Ats

Steam 36 be Aver 112 Average for Attractioning the great of Moderate Second to the Second S

Moon Lanid

Examined and found to be correct.

M. Kuerry

Loud's Navigator.

Commences and until Ha.M. Weather pleasant. Fresh bruge from NO.
Under steam, and sail, Pressure of steam 35 lbs, making 44 owole tions, Patent- log at end of watch 81.8. An evoid baroin eter 30 22  Ho 8. AM. Pleasant weather with stationary barometer and fresh breezes
log at end of watch 81.8. An ervid baron eter 30 22
Signed, Starl Rohrers, Gent
11 to 8. a. M. Pleasant weather with stationary barometer and feesh breezes
from N- and O-, Versel on her course throughout watch heading W. A. W. h. W.
ameroid barometer 30, 28, Gatentlog 17.9. av etam 35 lbs. Revs 1411. Sugar
Signed A. J. J. Halpine. Ensign
8 Of M. to Meridian Weather glear and pleasant, Ench trades from 6. A. B. Sarv-
meter rising. at 8.30 set flying jib, fore topmast staypail and main try sail, Loosed
stursails and mainsail to dry and began unbending and stotwing away
eluneails and elunsail gear sighted visel on starboard bowal from and
meridian to 11 P.M. Pleasant weather, Gust bruge from No. hauling
Man Line Day Plant of the Start
to East, at 1220 changed cowese to W/rds. patent log 57.11, at 0.50 took in
main trypail and bid yards equare, at 3 shorthed sail and at 8. 35 com-
main ingenio una escu ginas equine, ao o mortenes pare ana una con o sern-
mence a suring ing sings. Outwood 93. Wheroe but with the
I bigged IN M. Inview Dent
4106 PM. Whendy Pleasant- Moderate No bruses Strady borometer
Hob. P.M. Woody, Pleasant Moderate No bruges. Steady barometer and after the sure of the same of the s
Ut 11, 15 went ahe add on course, made plain sail to soyals except enameail
and spanker, at 14, 45 mustered at quarters: immediately after exercised at fin quarters. Average barometer 30.25
and spanker, at 14, 45 mustered at quarters: immediately after exercised at fin quarters. Average barometer 30.25
and spanker, at 14, 45 mustered at quarters: immediately after exercised at fin quarters. Average barometer 30.25
and spanker, at 11, 45 mustered at quarters: immediately after exercised at fin quarters. Over los alvers barometer 30.28 Signed. Of. G. Harmun, Ensign blog. O. M. Heather pleasant; Gresh brug from bast, Under steam and sail Pressure Holls and making of the Agrometer rising Passing chower
and spanker, at 11, 45 mustered at quarters: immediately after exercised at fin quarters. Over los alvers barometer 30.28 Signed. Of. G. Harmun, Ensign blog. O. M. Heather pleasant; Gresh brug from bast, Under steam and sail Pressure Holls and making of the Agrometer rising Passing chower
and spanker, at 11, 45 mustered at quarters: immediately after exercised at fin quarters. Over los alvers barometer 30.28 Signed. Of. G. Harmun, Ensign blog. O. M. Heather pleasant; Gresh brug from bast, Under steam and sail Pressure Holls and making of the Agrometer rising Passing chower
and spanker, at 11, 45 mustered at quarters. immediately after exercised at fin quarters, avenue to so 28 at fin quarters, avenue to los. avenue bo Catent log 106 avenue barometer 30.28 Signed. Of B. Hannum; Ensign blot. P.M. Meather pleasant, Gresh bruge from East, Under steam and sail Pressure Holbs and making 48 owolutions. Barometer sising, Passing chower of raining first hour of watch, Patent log 34.4 knots, arometer sising, Passing chower of raining first hour of watch, Patent log 34.4 knots, arometer formeter 30.24.
and spanker, at 11, 45 mustered at quarters. immediately after exercised at fine quarters. Overed baron eter 30.28 at fine quarters. Overed baron eter 30.28 Signed. Ok I Harmum, Ensign blog. O. M. I Heather pleasant, Gresh bruge from bast, Under steam and said. Pressure Holbs and making 48 ovolutions. B, arometer sising. Passing chower of rain in frist-hour of watch, Patent log 24.4 knots, Ameroid barometer 30.24.  8 P. M. Mo Midnight, Pleasant weather with fresh variable bruges from & E. to A. Versel prother governe throughout watch heading Who & Steam 48. August.
and espander, at 14, 45 mustered at quarters: immediately after exercised at fin quarters, avelant Holbs. av nos 146. Patent log 106. Averota barometer 30.28 beto F. P. M. Heather pleasant Gresh brugo from East, Under oteam and said Pressure Holbs and making 48 owolutions. Barometer pising. Passing chower of raining first hour of watch, Patent log 24.4 knots, and barometer 30.24.  8 P. M. Midmight. Pleasant weather with fresh variable bruges from 8 & to 48. Versel on the governe throughout watch heading W/p A. Steam 43. aver 48,
and espander, at 14, 45 mustered at quarters: immediately after exercised at fin quarters, avelant Holbs. av nos 146. Patent log 106. Averota barometer 30.28 beto F. P. M. Heather pleasant Gresh brugo from East, Under oteam and said Pressure Holbs and making 48 owolutions. Barometer pising. Passing chower of raining first hour of watch, Patent log 24.4 knots, and barometer 30.24.  8 P. M. Midmight. Pleasant weather with fresh variable bruges from 8 & to 48. Versel on the governe throughout watch heading W/p A. Steam 43. aver 48,
and spanker, at 11, 45 mustered at quarters. immediately after exercised at fine quarters. Overed baron eter 30.28 at fine quarters. Overed baron eter 30.28 Signed. Ok I Harmum, Ensign blog. O. M. I Heather pleasant, Gresh bruge from bast, Under steam and said. Pressure Holbs and making 48 ovolutions. B, arometer sising. Passing chower of rain in frist-hour of watch, Patent log 24.4 knots, Ameroid barometer 30.24.  8 P. M. Mo Midnight, Pleasant weather with fresh variable bruges from & E. to A. Versel prother governe throughout watch heading Who & Steam 48. August.

Howland Phase

Examined and found to be correct.

M. Kerrong

Commences and until Ha. M. VI	eather grue	rally glear,	and pleas an	t, Moderale
bruge from Ed, Garometer faller	eg. androide	stelled of water	to 30.21. Slean	1/2 lbs. Cers 49.
Palent log 99.	1 :			
	Signed.	6.0.0	Rus	Luct
bruge from Ed, Garometer faller Palent log 99.  4 to 8, a.M. blear and pleasant, lbs. Revs 49, america barometer 3.	Moderate br	ceso from 66	ud. Smooth	rea, Steam 42
1. Pour 110 an unit de barones eters 3	non Patent	0 36		
ws. Sur 49, Survivia marini si	Si de de	9 31 31	1 francis	. Gust
8am to Meridian, Partly clouds	2 Pleasant	weather 9	in litera in a	all last hours
Moderate Bby A. breize, Blight for				
Steamer in eight from mast h	ead in ma of	waten, owe	in log 14.2 cm	ream 41 ws.
News 49, Unervite 30.27.	1	. , 010,	Bh	8
Revs 49, Ameroid 30.27.	rig	ned,	ramuen.	insign .
Moredian to 4 P.M Pleasan. Bruge fresh from & to & & E. Darvin	tweather u	with light p	assing moive	house united
lbs and making 48 revolutions.	Of silty	land without	heart hear	a like Gaz
at 1, 20 sighted land on half poin	wi. signita	and been At	55 Plan oculus	y s por per
hateut log 91. knots and at 3 to I				
at 3 Sombrer Tight bore abeam,	Dombrero D	sland one po	ent on starboa	rd quartivat 4,
Palent logat end of watch 10 know	ls, Uneroid	baron elev D	0.24. Sent the	a Cables A
4 to 6 P.M. Pleasant with mor	, Der	gned The	erl Kohrer.	Leub
4 to 6 .M. Pleasant with mor	derate breez	es from Od,	Ut 4.30 lost	sight of som
borry lightastury, at H. 45 ins	hected at a	warters, show	Veried and fe	ixledall sail
Ul & made Virgin Gorda Island	bearing Il	by N. avetu	ano avois	. Valentlog
28.41, anervid barometer 30,25, Ve	sselowher	Edurse throw	ghout watch	heading 4.
& W/2 M. at 6. slowed down en	igines.	,	1 1 1 1 1	
& W/r M. At b. slowed down en 6 to 8, P.M. Weather clear, and steady, Steaming slowly, Ameroi entilog 38,	1 Se	gred , A.	1.28. Halpin	Ousegn
6 to 8, O.M. Weather clear and	pleasant,	Genete bruge	from 6 86.	Saron ette
Steady, Steaming slowly ameroi	d pat end of	watch 30.25,	Steam 38.	Revs 19. Pat-
entlog 38,	- 1		100	4
		Signed	b. G. aus.	, Lut
8 P. Mto Midnight blear and	pleasant,	Light-bruge	from East,	Swooth leas
ab 10 and 12 act easts with duch	rea lead line	no bottono	at 60 fathor	is, al 12, Vergio
8 P. Mito Midnight, Clear and al 10 and 12 got easts with dup & Gorde Island boro (60) NA 1.	12 St. Rum	una elow, a	Steam 25. Re	os 30, Patent
log 54.8, Averoid baron eter 30.	24.	1		
y mi, constitution or do.		Signed	31 M Invier	· Funt
		7		
		AC 5		
				the same of the last of the la

Moon I mid

Examined and found to be correct.

Av. Kurgz Lind 3 Navigator.

	LOC	of t	he l	JNITED STA	TES	Ste	as	ver	"	di.	ux			,	3	1	Rate,	6	Guns,
	0	Jak	isin	g pare	agofro			110	bell	em	a i	to	New	Yor	k.	20	Sa.		
鑩	1	1	10		WINDS.			BAROME	ETER.	TEM	PERATU	RK.	- /	/	Clear 10ths,				
	Hour.	Knots.	Fathoms,	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb. s	Water at urface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the Sea.	Reord of the	sail the vess and of watch	el is under
棴	A. M.																		
	1	4:	50	W198/294	6,	11		30,14	79	78	74	79	be	Cis Que	1	8			
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412	3	40	2			11		30.15	79	78	73	79	*		8	"			
713	5	3 3	7	"	16	4		30.15	79	18	13	79	,		7	"			
	6	30		*	"	4		30.17	79	1981	/73/	79	,	"	5	"			
18'20	Sta	rudui	ig ii	for Quehor	, e	3		30.19	100	18	73	80	,	"	7	,			
10 20 W	Sa.	qui	S	Shomas'	6	3		30.19	80	78	73	80	"	"	6				
	M.	Mar	s of	6+6	86+6.	2		30.20	801	78	14		,		5	"			
	11	noru.		,	,0 2 1 51	2		30.21	80	801	74		,	"	6	"			
	Noon.	"		",	,	2		30,21	1000	81	74		,	"	6				
		Distance	run ha	Log since preces	ding Yoon						-		19:5	knots 3	fath	ome			
				R. at Noon	ding 100ii								120	Allous O	,				
		Longitud	e by I	). R. at Noon										•	,	"			
		Latitude	by Ob	servations at Noo	on O									•	,	"		-	
					Forenoon Observa									•	,	"			
疆				the time	knots fm mplitude ⊙ observ			setting to	the						,	"			
藤					imuth @ observed		unrise							•	,	"			
				during the prece										350	gal	lons.			
靐		Water			during the prec	eding 2	4 hou	rs								u			
				g on hand fit for										1750		"			
				during the preced on hand at Noon									184	ons 10:					
蘷		COM Tem	atting	on hand at 1000									104	22;	32				
	P.M.			212	011								1						
	1	"		6.8.6	6.86	3		30.18			/		be	ai cam	6	"			
	2	*		,	"	3		30.18					*	"	6	"			
	4	"		"	"	3		30.15		81	74		"	,	7	"			
	5	"			"	2		30.14		81	75		"	"	7	"			
	6	"		"	,,,	2		30.111	//	801	24			"	6	"			
	7	"		18	balu	0		30.16	-	79	74		"		6	"			
	8	"		"	"	0		30.18	81	79	74	-	"	"	7	"			
	10	"		,	"	0		30,18	81'	78	74		,	"	76	"			
	11		-	1616	1616	1		30.18	811	18	74		,	,	8	"			
	Mid.	"	1	"	"	-1		3, 18	811	78	74		,	,	8	"			
		London	e by C	homeont of	A Gramma Ct				-						,	"			
				hronometer from	Afternoon Observ	ations (		*								"			
				e Compass by An		ved at 8									,	"			
		Variation	of th	e Compass by	at										,	"			

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### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and whil H BM, Olear and pleasant, Moderate Bly bruge
Blight fall in barometer, Land in sight on starboard beam throughout Got
adsto of lead at 2 and 4, no bottom at lo and 40 fathours, ao revs, 63, av steams
32 lbs, Quervidbarometer 30, 20, Patent log 71, 3.
32 lbs. Averidbarometer 30.20. Patent log 71.3.
11 to 8, am, blear, and pleasant, Gentle to moderate bruge from Bast, to S. E.
Barometer rising. Land in sight on both beams and stattourd bows, The Captain
on deck slanding in for anchorage in St Thomas Barbon Under strane. The
Harbor-master Jane on board aby 30, apervid barometer 30, 26.
En On + On : 1 - 61 Signed, Karl Robrers Linet
8 a M to Meridians. Olear and pleasant, at 8.10 came to with starboard
anchor in lin fathous water veering to 30 fathoms chain in the Harber of
It & Showas. Hauled fires under boilers 5.6.7.8. Henry Palmer, Corporal Il S. M. C. reported the expiration of his turn of enlistments Made preparations and commenced evaluing ship, Bearings at anchor Christian Fort N'h B. Fred
U.S. All. O. reported the Expiration of his turn of enlestiments (Made preparations
and commenced evaluing shep, Gearings at anchor Christian Fort N'h O. Fred
Received visit-from american bonsul, America barometer 30.24
Received visit-from american Consul, America barometer 30.24
Signed N. J. D. Halpine, Ensign
Meridian to 11 P.M. Heather clear and warm, Sentle bruge from & S. B. Daron eter
falling, at 12.25 exchanged numbers with the U.S. S. Yautio at 12, 30 the afantio
made signal, interrogatory, 1911, ans. 90 H. at 12,48 the Mantie made interro-
and well butter a dat his hun Derewand Courte Lack Dealing Started
galon 4557 andat \$15, 1647, Answered 90 4 to Each, Doaling ship, Started
alvers for all ling at 2,40, One communating officer of the comme of the
Ship officially at 1.45. Ameroid barometer bo. It Signed. b. Q Clies. Line
11 to Mr. O. 1. signed, & B. b. to de dient
11 8. J. M. Theasant weather, Tight and from D. S. D. Downied Goaling
Ho & P. M. Pleasant weather, Light airs from & S. B. Continued coaling thip, Received on board in Enganeers Department. 100 galls of oil, 100 lbs waste 35 lbs oalmeal, 10 lead pencils and 50 bags. Anyroid barometer 30. 23.  8 P. M to Midnight Neather glear and pleasant, balm in early partofwatch light bruge from N & by & in latter part, Barometer steady leading ship taking and board 168 lone in all, Erris banked under two boilers. Ameroid bar 30.24.
Do los valmeal, 10 lend pencels and oo bags. Un groud batom elis 00.20.
a Day 1 a
I Il to Midnight Weather glear and pleasant, Dalm in early partof water
light bruge from Noby our latter part, Baronsely steady bodding thep laking
du board 168 lons in all, Geris banked under two boilers. Unervice ther 30.24
Signed. H. Rother. Lieut

Moon louid Dec. Phase

Examined and found to be correct.

W. Keers

Longitude by Chronometer from Observations

observed at Sunset

Variation of the Compass by Amplitude

Variation of the Compass by

Steamer Esses", 3d Rate, 6 Guns, Marbor of St Thomas. Ord.

				WINDS.			BAROME	TER.	TEN	PERAT	URE.	State of the	Forms of	of Clear in 10ths.	State	
Hour.	Knots.	Fathoms.	Courses steered,	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb,	Water at surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Sky, in 1	of the Sea.	Reord of the sail the at end of
M. Taxa	hor	1	É	6xA	1	1	30.18	40	40	7711		be	air.a.	4	8	
2		200	&xA.	B	1			79	11	14			Qir Cum	8		
	1		8	Exd.	1	-	30.16	70	77	74		"	"	6	"	
3	1			( ×01.		4	30.11	77	77	74		"	"		"	
4	"		"	#	1	100000000000000000000000000000000000000	30.111	77	77	74	1	"	1	8	"	
5	"		"	0	1	1000 PA	30,13	78	70	72		"	1	6	"	
6			"	"	/	S	30.13	78	70	72		"	,	6	"	
7	"	-	"	"	/	30,300	30.15	78	76	73		"	"	7	"	
8	,		"	"	1	4	30.16	79	77	73		"		7		
9			"	"	1		30,19	81	80	74		,		7	,	
10	"	100	,	"	1		30.18	81	80	74			"	7	"	
11	"		"	"	1	1	30.18	81	80	74	1		"	7	"	
oon.	,		,	,	1	1	30.18	82	82	72		,,	"	6		
1	Distan	ce rui	n by Log since prece	eding Noon									knots	fath	oms.	
1	atitue	de by	D. R. at Noon										0	,	"	
1	ongit	ude b	y D. R. at Noon											,	"	
			Observations at No	on ⊙										,	"	
1	ACTUALITY															
					rations (	9							0	,	"	
J	ongit	ude b	y Chronometer from	n Forenoon Observ			atting to	the					0	,	"	
]	ongit	ude b	by Chronometer from	n Forenoon Observ	ns. per l	hour, se	etting to	the								
1	ongit Curren Variati	ude b	by Chronometer from ing the time f the Compass by A	knots fr knots observ	ns. per l	hour, se	etting to	the					0	,	"	
) (	Curren Variat	t duri	by Chronometer from ing the time f the Compass by A	n Forenoon Observer knots fi amplitude ⊙ observer zimuth ⊙ observer	ns. per l	hour, se	etting to	the					0	, ,	"	
)	ongit Curren Variati Variati Vater	ude b	by Chronometer from ing the time f the Compass by A f the Compass by A nded during the pred	n Forenoon Observers knots fit amplitude ⊙ observers imuth ⊙ observers ceding 24 hours	ns. per l red at S	hour, se unrise		the					0	, ,	"	
)	ongit Curren Variati Variati Vater	ude b	by Chronometer from ing the time f the Compass by A	n Forenoon Observers knots fit amplitude ⊙ observers imuth ⊙ observers ceding 24 hours	ns. per l red at S	hour, se unrise		the					0	, ,	"	
, ,	Current Variati Variati Vater	ande be at duri	by Chronometer from ing the time f the Compass by A f the Compass by A nded during the pred	knots fi implitude ⊙ observe zimuth ⊙ observe ceding 24 hours during the pred	ns. per l red at S	hour, se unrise		the					0	, ,	"	
	Current Variati Variati Vater Vater	t durion of ion of exper	by Chronometer from the time of the Compass by A anded during the predict of the Compass by A and the compass by A	knots fi amplitude ⊙ observe eeding 24 hours during the prec r use at Noon	ns. per l red at S	hour, se unrise		the				2	0	gal	"	
) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	Variati Vater Vater Vater Coal co	ion of exper	by Chronometer from the time of the Compass by A anded during the predict of the Lind on the time of time of the t	knots framplitude ⊙ observed ceding 24 hours during the preceding 24 hours during the preceding 24 hours	ns. per l red at S	hour, se unrise		the				2 182	350 176 3100 tons /32	gal	" lons. "	
	Variati Vater Vater Vater Coal co	ion of exper	by Chronometer from the time of the Compass by A anded during the preceded during the	knots framplitude ⊙ observed ceding 24 hours during the preceding 24 hours during the preceding 24 hours	ns. per l red at S	hour, se unrise		the					350 176 3100 tons /32	gal	lons.  u lbs.	
	ongit Variati Variati Vater Vater Vater Coal co	ion of exper	by Chronometer from the time of the Compass by A anded during the prediction of the during the preceding on hand at Noon	knots fi amplitude ⊙ observed zimuth ⊙ observed ceding 24 hours during the prediction of the pred	red at S l at	hour, se unrise 4 hours			73	M			350 1700 3100 tons 132	gal	lons.  u lbs.	
() () () () ()	Variati Vater Vater Vater Coal co	ion of exper	by Chronometer from the time of the Compass by A anded during the preceded during the	knots framplitude ⊙ observed ceding 24 hours during the preceding 24 hours during the preceding 24 hours	ns. per l red at S	hour, se unrise 4 hours	30.17	82	82	72		182 bc	350 1700 3100 tons 132 " 912	gal	lons.  u lbs.	
() () () () () ()	ongit Variati Variati Vater Vater Vater Coal co	ion of exper	by Chronometer from the time of the Compass by A anded during the preceding on hand fit for the during the preceding on hand at Noor A.C.	knots framplitude of observer ceding 24 hours during the preceding 24 hours at Noon eding 24 hours	red at S l at seeding 2	hour, se unrise 4 hours	30.17	82 82	82	72 72			350 1700 3100 tons 132	gal 6 7	lons.  u lbs.	
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() () () () () () ()	ongit Variati Variati Vater Vater Coal co	ion of exper	oy Chronometer from the time of the Compass by A anded during the preceding on hand fit for the during the preceding on hand at Noot A.E.	knots framplitude o observed ceding 24 hours during the preceding 24 hours at Noon beding 24 hours n	red at S l at seding 2	hour, se unrise 4 hours	30.17 30.18 30.15	82 82 82	82 81 80	72 72 72 72		182 bc	350 1700 3100 tons 132 " 912	gal 6 7 5	llons.  llbs.  "	
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Giris banked under two boilers, aneroid baroneter 30,22.
Fires banked under two boilers, aneroid barometer 30,22.
Degreed. N. J. J. Halburg Consigni
Ho 8. a. M. Neather char and pleasant, Light airs from Ed. Baronseter eteady, Distilling, arrived at end of watch 30,22 b. P. Rus. Linet 8 am to Meridian, Clear and warm, Light bruge from East, Ment to quarter
eteady, Distilling, anirvid patered of watch 30,22
Digned G. P. Rus Linet
8 am to Meredian, Clear and warm, I Light bruge from East, Went to quarter
at 9, 30, By order of Commanding Officer disrated Sandy Buchanan & Stute
and John W. Smith (It (A Stud) for leaving the ship after having been refused
permission. The term of enlishment of Michael Sullivan (104) explires to
day, The Commanding Officer polid official visits to Captain of The
USS. Ufantio," the Governor of the Feland, and US Consul, anervid bar, 30,20
Meridian to 11 P.M. Clear and pleasant, Light Cly and A. Ely breeze. Galling barometer, Received in Equipment Department by bord of Kind-
Meredian to H J. M. Clear and pleasant. Light Oly and N. Oly breeze.
Calling baromeler, Received in Oquipment Department In Bord of Hund-
ling wood Contined Jan Ol Milchell (Sal) undouble from to awaite
action of Commanding Officer, anserved barometer 30,20
signed. It & Ousign
1108. J. M. Weather clear and pleasant. Tight bruge from bast, bato-
meler sliady, Sot lower booms alongside, rove off cat and fish falls
Leton of Commanding Officer, Ameroid barometer 30.20.  Leto 8. P. M. Weather clear and pleasant. Light bruge from Bast, Barometer steady, Got lower booms alongside, rove off cat, and fish falls and made preparations for sea, Ameroid barometer 30.22.
& (Dru + mi 1 . 1. M. of ) signed Start Stohrer, Leest
O. M. to Mudnight. Weather Clear and pleasant, Light airs from I to
Saromeler steady, Un erodat end of watch 30.20
8 P.M to Midnight. Weather Clear and pleasant, Light airs from 1 & Barometer steady, an eroidal end of watch 30.25 Signed 6. P. Rus. Liest

Moon louid Dec Chase

Examined and found to be correct.

W. Keurgy Lieut & Navigator.

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude of

Variation of the Compass by

observed at Sunset

ails with

ccept apante

黑						20	ar	bor	of.	St	J,	hor	mas.	M.J.			
					WINDS.			BAROME	TER.	TEM	PERATU	TRE.	State of the	Forms of	Clear 10ths.	State	Record of the sail the vessel is
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at surface.	Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Sky, in	of the Sea.	at end of watch.
	A. M.			4									,				,
	Our	cho	red	6016	Ø	1		30.18	78	75	71		be	livanu	9	8	
	2	"		"	"	2		30.16	76	75	71		,	"	7	"	N. A. S.
	3			,	,	1		30.16	76	70	71		"	,	7	"	
N. 18. 15	4			•	"	1		30.14	76	75	71		"	"	8	.,	
18.12 18.12	5	,			815	1		30.111	98	79	71			-	6	2	
,,,,	52	und	1000	my .	6 d 6	1		30.16	78	79	73		"	,	6		made sail to tops
JT .	8	5	5	ak-kok	1944.	2		30.18	78	77	72	79	•	"	1		foreaudaft sail es
15°21' .	9	7	5	-A-A OK	6.00	5		30.18	78	77	72	79		"	6	*	
65.01	10	19	0	Oforn	10,010	5		30.19	7	1/	72	79	*	,	5	,	
	11	7	0		"	5		30.19	70	78	25	19		".	1	*	
	Noon.	16	5	"	,	5		30.19	70	78	75	77		"	7		
								17	/	1.	10	19	"	"	/	1	
		Distan	ce run	by Log since prece	eding Noon								39	knots 5	fath	oms.	
		Latitu	de by	D. R. at Noon										180 40	9,	"	N
		Longit	ude b	y D. R. at Noon										65019	'	"	W
		Latitue	de by	Observations at No	on O									18049	7'	"	N
				y Chronometer from	Forenoon Observ	rations (	0								,	"	
				ing the time				setting to	the								
11				the Compass by A			unris	e .						•	'	"	
				the Compass by A.		lat								0	'	"	
		Water		ded during the pred	during the pred	odina O	d has							350		lons.	
				ining on hand fit for		euing 2	4 not	urs						0.5		"	
				ed during the prece										tons 100		lbs.	
				ing on hand at Noor									176			108.	
														2/0			
	P. M.												1				
	1	6	0	d. d. 24.	BONE	5		30.19	79	78	75	79	bo	Liveum	7	2	
	2	6	0	,	"	5		30.19	18.	18	75	79	"	"	6	"	
	3	5	8	,,	"	5		30.16	78	78	75	79	,	"	6	"	
-	4	1	0	"	,	5		30.16	78	78	73	79	"	"	7	"	
	5	5	6	"	"	5		30.17.	79	79	74	79	",		6	"	
	6	6	2	"	N6×6.	5		30.18	79	79	74	79	beh	Primes	4	,	
Ut 38	7	6	8	"	"	5		30.20	79	79	74	79	be	"	5		
160 42	8	6	8	"	"	5		30.20	79	78	73	79	,	"	8	"	
	9	5	5	"	"	11		30.20	79	78	72	78	"	Cit-Cum	7		
	10	6	0	,	"	11		30.20	78	77	72	78	"		7		
	Mid.	6	0	"	"	5		30.20	78	77	72	78			6	"	
				"	"	0		30.20	7	77	72	78			7		
		Longi	tude b	oy Chronometer from	n Afternoon Observ	vations	0							. 0	,	"	

Commences and until 4 a.M. oid barometer 30.24.	Pleasant	weather.	Light brug	refrom Ea	et, aner-
oid barometer 30.24.	1	, 9	1 -11	0	B.
1 to 8 11 3M. Partly cloudy (	Vegrant de	reather 9	I. M. Trivi	able bruse	Just asing
to moderate bruge from It tol	ast hour,	Rising 1	arometer,	Ut 6. 40190	tunders
way and stood out of harbo.	s, at 7.30	took dep	arturo, x	Paraua Dol	and bear
ing (pe) Cast; distant one or	av rivolut	tions so,	Patent log	al end of le	vatch 72
pallto topsails, av steam 1/5/bs miles, Ameroid barom eter 30, 29	. Draft 12/	1 Din, ford,	16ft line	eft.	8
8am to Meridian. Clear,	and bleas	igned out	Sr. S. Har	ly breeze &	ousign out of 6.
Baroweter steady, all g, 30 pm	ustered a	Lquarte	rs, at-10. 1	uncouple	diand
banked fires, By order of were awarded fing; The	bounda (	ficer th	a following	ug punis	hments
under the influence of liqui	or on board	, Jacob y	Valhiser 7	M.) Idays	double
irons for publoming liquor	; John M.	Mitchel	l, (8 M) 1	hree days	lol. Couft.
double wous for malet of dis	to Land	in sight	astern an	d oweach	quarter.
Meridian to H P. M. Weath	of Patent &	og 38. 5 km	cots.		di.
Maridianto 11 Pan Okrath	to blean	land,	Stare	Stohree,	8 N 6.
Vessel on her course throughour	bwatch h	iading	N. N. W. 10	ng swell	how Ard
anervid baron eter 30,26, Par	tent log 7.8	knots.	Passed pa	Schooner	standing
10 S-ana Od, Turis Vankid,	S	anid, C	1. 1. 2. 9. 90	balpino.	Ensign
4 to 6 9. M. Weather general	ly clear and	Id pleasa	set, Mode	rate bruge	from 16
by 6. Omvoth sid, with long	well, and	Siand.	a of wall	Rus.	, Linds
6 to 8. O. M. Olear and pleas	ranto Mor	defate br	eige from	No by 6.	Smooth
Real, Uneroud baromelis 30. 2	9. Valent	Saned	WAldre	vin.	, Lunt
8 P. M to Midnight Clear	and plice	aspart, O	Moderate	A Eby E.	bruge
steady barowetter, Patent !	og 105. H.	anegoid	daromeli	30.00.	auxing.
Anervid barows eter 30,26, Par to S' and Ed, Fires banked,  4 to 6 P. M. Meather generals by 6. Smooth sea, with long of  6 to 8. P. M. Clear and please sea, Ameroid barometer 30.2  8 P. M. to Midnight Clear Steady barows etter, Patent I		regner	, , ,	. Cuivam	- Lucy or
			-		

Moowlmid Dec Phase

Examined and found to be correct.

M. Keers

	LOC	of of	the	UNITED STA	TES	8	le	am	en	,	6	11	ess "		3	1	Rate, 6 Guns,
		1	/	Max	: 6		1 2	de	h	-	21	11	41		. (	7/-	11.1.11
	1 10			vius xi	of pu	cee	1	ge	que		0,0	er	noi	nas	, 2	7.0	i no rew york
				-	WINDS.		0	BAROM	ETER.	TEM	PERATI	URR.	State of the	Forms of	Clear 10ths.	State	Post of the state
	Hour.	Knots	2	Courses steered.	Direction.	Force.	wway.	Height in inches.	Ther.	Dry	Air, Wet Bulb.	Water	Weather, by symbols.	Clouds, by symbols.	Sky, in		Reord of the sail the vessel is under at end of watch.
			Path				7			Duto.	Duito.				Fo		
	A. M.				010								1			1	
4	1	5	3	doly	6016	5		30.10	78	77	72	78	be	Civ Cum	8	8	Plain sail exceptor
30°00	2	6	0	"	OXON.	1-6		30.20	78	77	72	78	befig	Gicum			Dail and spanker.
660/2	3	0	5	"	010.	5		30.20	78	77	72	78	be	Que Prim	4	"	
	5	5		"	"	1./		30.20	78	77	72	74	belig	girani	5	"	
	6	4	0			4-6		30, M	78	77	12	78	ocg		0	"	
sr	7	5	9	"		4-6		30.19	78	77	23	81	ve	"	1	*	
20°25'	8	5	0	,		5		20.19	78	11	73	81			9		-
66"24"	9	6	0			5		Bo. 19	18	77	73	81	"	Cir Cu	6	9	
	10	5	8	,	,	5		30.20	78	78	73	81		"	6	4	
	11	5	0	,	,,	5		3 22	18	78	73	81	,		6	"	
	Noon.	5	0	,	,,	5		30.23	78	18	73	81	,	,	6		
									/	-	/				10		
				by Log since preced	ling Noon									knots 3	fatl	iomo,	
				D. R. at Noon										20° 5		"	Jr
				D. R. at Noon Observations at Noo	- 0									660 1		"	W
				Chronometer from		tions 6								20° 4 66° 3		"	N
				ng the time 24				setting to	o the	81	1	4		06 0	9		W
4				the Compass by An					o the	0.6	9 0	V.		0	,	"	
+			-	the Compass by Az		-								1.30	,	* "	
				ded during the prece										350		llons.	
	1	Water			during the prece	ding 2	4 hou	ırs								"	
	1	Water	remain	ning on hand fit for	use at Noon									2400		"	
				ed during the preced									,	tons //	60	lbs.	
	(	Coal re	emaini	ng on hand at Noon									175			"	
f	Р. М.													/			
	1	5	,,	A. A. W.	8-18								1			,	
	2	5		01.01.24	6.01.6.	11		30.20	/	78	/	81	be	Cir Cum	5	8	
		5	0.000	"	"	4		30.19	/	78	72		11	"	6	.,	
	4	5		"	,	11		30.19	78	78	74	81	Sep	"	7	"	
	5	5	0	"	"	11		30.18	78	78	74		be	"	6	"	
	6	5	0	"	"			30.19		78	70	81	"	Cij Cum	6	"	
1	7	7	5	,	"	4		30.19	78	78	73	81	"	Chem strat	70	"	
21°27'	8	16	5	,	,	4		30.20	1401	7	73	1000	*	Cingrum	1	"	
67.00	9	4	6	,	"	4		30.20	18	77	73		"	"	6	*	
	10	6	5	"	,	4		30.20		//	23	7.35	,	"	7	"	
	11	9	0	"	,	4		20.20	/	///	73		,		6		
	Mid.	9	2	,	,	4		30.20	/	77	73				7	"	
				Ca				40.00	//	//	-		"		/	1	
				Chronometer from		ations (									,	"	
				Chronometer from the Compass by An				*							'	"	
				the Compass by An		ed at 8	Sunset	-						•		"	
THE RESERVE OF THE PERSON NAMED IN			Mary Comment	, m, m,	at									•	,	"	

Moon lanid Phase

Examined and found to be correct.

Willer Navigator.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and witel 4 aM, Pleasan	tweather, Fre	ish breeze from	w Chy t.
to 6. A. E. Barometer steady. Fires banker	Lunder six bo	elers. Wentle	og 28 knows
anirvid barometer 30. 26.		~ 1	0.
Sign	med Rarl	Rohrer.	Lunt
Ho 8. a.M. Generally fair and ple half of watch, Took in soyals and	acaret with	light sawa	Ms first
half of watch Took line roughly and	Ulying it on	Aniel them	( again)
Vessel on her course throughout we	tale le ade	a NA OF On	( Said
barometer 30. 31. Patent long 49 knots	7		4 . 6
Of daylight made barant Standing	to Old Hine	Some to de uneder	sin he lass
in augustin mane varying summing	1 100,000	That his	En en
8 amto Meridian, Neather clear a	a, 11. 11. 2	1- de the	mergi
o com no meno lan, reamen suar u	no picaranie	, service to a	Las
bruge from 6. No. Barometer rising,	musicre a	a lill m	9.10
emircised signal class at making si	grals, Cha-	goarroll grill	1 is given
Exercised signal class at making so five days sof confiners ent for the the strong report	The of selection	the of his levers	o whene
waters, your searcing and sin report	Lew sapirario	a Polestein	Jenese
Meridian to II P. M. bloudy with from	of water Os.	to balling	70.00
Ma 1. 14 Day bl 1 . th 1	gned	D. J. Suis.	Lucio
Meridian to II J. M. Oloudy with fro	esung shower	stater part,	charing
banked, aneroid barowetch 30.28. Pale	16. Smooth	real shifted je	ib. Fetes
banked, Unerview arouseter 36.28. Value	it loggo	May 1.	A:
Hlo 6. P.M. Clear, and pleasant, Mi	signed.	1. Modrivery.	Lieut
Hlo 6. J. M. Olear and pleasant, The	derato O. O.	breege Jaros	neter
steady. at 4.45 mustered at quarte 5,50 Sout ahead under steam. Patent lo	rs. at 8.20 pp	read fires a	ud pat
J. To Svent ahead under steam. Patent lo	g 100. anervi	d 30.29.	<i>p</i> .
	Signed Ir.	9. Hannum.	Ousian
6 to 8, J. M. Clear and pleasant weats	herd. Modera	to bruge from	er 616.
Barometer pising clowly, Up to 7,33	under sail par	ed steam at	which
time stopped the engine to repair valu	our the cone	Lenson Brig	htowoon
and starlight, andervid 30.31. Palent	log 146 Kun	Is, al	4
and starlight, ameroid 30.31. Palent	Signed 1	Carl Robres.	Leut
			COLUMN TO SERVICE STATE OF THE PARTY OF THE
		7 7 7	

	LOG	of t	he Unite	D STA	TES		Heam	8			1	3	Rate, & Guns,
	Loc												
		m	akun	91	rassag	ref	romes	Thon	nas s	W.J. 1	0	01	ew york
			1		WINEK		BARONETER.	TEMPERATURE			Hear He		
	Bott.	Knots.	Courses st	terrel	Direction.	Farre.	Height in Ther.	Air, Air, Wa Dry Wet at Bulh. Bulh. surfa	State of the Weather, by symbols	Forms of Clouds, by symbols.		State of the Sea.	
					E-G-T-G-T-G-T-G-T-G-T-G-T-G-T-G-T-G-T-G-		inches. att'd.	Bulh. Bulh. meth			P. P. S.		
	A.M.								1				
	1	91	N.A	rof	616	11	30.17 77	77 728	be	pi cum	8	8	Plain sail to orgals
	2	90	, ,		16+6	11		17728	, ,	,			mattenaire all
	3	92	2			11	30.19 78				7	,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	4	92	- "		7	4	30.19 78	77 72 91	, ,	,	7	,	
	5	90	,			4	30.19 77	777281	,		7	*	
	6	90	,		116	11	30.197	77728	, ,	,	6		Jook in all agranoa
31.24	-	86	,	-	*	4	20.19/7	777281	. "	,	7		Heept foresail.
W die	8	8 6			"	4	30.2019	77.72 8			7		
	10	80				4	30.20 h	76718	"		6	-	
		93			*	4	30.22 h	76718		"	9		
		90			,	BOOK B	30.22	11/			6		
		10			•	4	1/	177728	0 "	1	/		
	1	Vistance	run by Log sin	ace prece	ding Noon				180	knots O	Lec	uths	
		atitole	by D. R. at No	900						28 . 2	6,	"	ct
200		negitai	by D. R. at l	Noon						6705	8,	"	W
	1	atitude	by Observation	s at Noo	10 O					28 . 2.	3 '	"	1
					Forenoon Observa					6801	6.	"	W
疆					knots fn			884°W					
12					uplitude O observ						,		
噩					rimuth O observed	at &	am,			2 . 3		"	W
					eding 24 hours					350			
			maining on has		during the preo	eding 24	bours			2150		"	
			umed during th						.,				
1					1					toms 161		lbs.	
1.									76.	3 10 1			
	P.M.								1	Ci eu			- Section 1
	1	10	AN	21	NAE	3	30,19 79	79 7280	be	Lis dra		8	Took in main tresail
		80	"		18×1.	3		79 72 80		,	6	"	Letter jib Hlott clay!
		80	"			3	n 11	78 72 80		1	7	"	011,0
		8 5	,		CANB.	3	30.19 79	787280	, ,		8	"	Took in for and aff said
		82			NY.B.	3		777280		geral	8	"	, ,
	6	70			"	3	30.21 79	77 72 80	"	"	6	"	
4 24°23	8	86	"		"	3	30.21 79	777280	"	Cis cum	0	"	Sethend sails supareke
14.72		80	-		1.48	3	30.21 79	777280	"	,	7	"	,
81.3-	10	90	"		NNE.	11	30.22 78	177280			11	"	bet mais Impail, all
		100			ene,	5		157280			7	"	I lail most mainson
		108			"	5	2 13/7	767280	-	"	7	1	
			- "		"	0	00.28 77	757280	"	1	7	*	
	1	Angitud	e by Chronome	ter from	Afternoon Observ	ations O					,	"	
1					Observations		*				,	"	
		Variation	of the Compa	es by Ar	mplitude observ	red at Su	net				,	"	
1		Variation	of the Compa	us by	25						,	"	
		W. C. P. C. L. S. L.											

, 1884

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11. a.M. Heather glear and pleasant, Gentle brigge from 16 by 6. Barometer rising, americal atend of watch 30, 29, Steam 16, and 11. and 1 Ale de C. M. Clear and pleasant with gentle breezes from Ne at 4, 15 held evening quarters. Versel on her lowers throughout watch barometer 30. 30, Palent log 96.1.

Signed, N. J. S. Halpine, Busign blog 96.1.

Signed, N. J. S. Halpine, Busign blog 8. P. M. Weather clear and pleakant; bentle to moderate bruge from Aby B. Barometer steady, bethead sails and spanker aby s. Aheroid at end of watch 30.30. Steam H. Ross Hy Signed, b. P. Aus.

Signed, b. P. Aus.

Signed, b. P. Aus.

Lient bruge from St. A. S. Steam H. Ross Hy. Moderate bruge from St. A. C. hawling to B. M. and freshering, Ob 9.35 set many tripade and at 10.05 all agrare sail to royals. Steam H. Rus Hy. America bar 30.33. Patrog 47.8.

Signed W. M. Swim. under steam alone heading NNW. as steam HI. as sets. 47. anerved

Hoov & mid

Examined and found to be correct.

CM. Keuros & Navigator.

, 188//.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and juntil Ha.M. Generally clear, and pleasant. Frish A. M. breeze Slight fall in baiometer, av eteam 111 lbs, Pers 52, Patent log 88. Ameroid bar, 30. 31.
Signed It & Bounum, Ensign
H to 8 am. Weather pleasant, Moderate to fush breeze from NE. to NE by A. Parometer rising. Smooth sea, Shower of vain last hour of watch. at 6.15 took in all plaine sail except foresail, wind haisling ahead, Under steam for and aft sail and foresail pleam fires ever Holbs, making Hy owolutions. Patent log at end of watch 22 7 knots anervid burometer 30.36.

Signed, Karl Robert, Guest 8 aM to Meridian, Clear and warm with light bruges from Id and Ed, Made all plain sail to orgals except grainsail. By order of bonda Officer released Thos Fitz patrick (P.M.) and John M. Mitchell (BM) from empirement and confined that barroll, De Mos for five days in solitary confinement in accordance with surlence Dec. 22, made large English stranger standing to Maand Ed. Tessel oweowse throughout watch heading A.N. It. Steam 42, Res 50. Palent log 60 knots, anewill barometer 30, 35. Signed A. J. D. Halpine. Ensign Meridian to 4. P. M. Neather clear and pleasant, Light breeze from A.A. & Baremeter steady. Changed source at 12.20 to Aby A. / It, and took in and furled all equare sail. Patent log 62.6. at 1.15 took in main trysail and at 1,25 took in spanker Moderate quantities of sea weed in the water, arteroid at end of watch 30.32. Steam 43. Revs. 50.5, Palent log 95. Signed C. P. Aus. Leasant weather. Light briege from N. A. E. Smooth sea Steaming under six boilers, Mustered atquarters at 4.45, Ameroid baron eter 30.35.

Signed WM Invin. Level Gentle N. A. & bruge, and pleasant, Bright moonlight, Slight rise in barometer. Gentle N. A. & bruge, and elean 42 lbs. aus 50. Politet log 255, Ameroid 30.38. Ensign 8 P.M to Midnight, Clear and pleasant weather, Gentle bruge from A & by A. Barometer pleady, Smooth sea, Under steam and fore and afteail, Steam Ho lbs making 18 bivolutions, Valent logal end of watch 6,2 knots, Ameroid bar 30.87 Signed Karl Rohrer. Lient

Moon lanid There

Examined and found to be correct.

W. Kello og Licolf Navigator.

1884/\_

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Donnercus and with HaM, blear and pleasant with light bruges from ANB, Took in all fore and afteail, Parsed a small barque standing to Ha and Itd, Versel on her course throughout watch heading they W/All, and eroid barometer 30.38, Steam 42, leve 50, Patent log 95,2 knots.

Signed, A.J. J. Balfine, Ensigns

4 to 8 a Mr. Weather clear and pleasant, Light variable airs and calms. Garonseter rising. At-6.35 set fore and aft-sail, except mainty sail to a light bruge from MM M. Ameroid at end of watch 30.39. Steam H. Rus Hy Patent log 28, 11. Sighted several sail during watch.

Samte Meridian. Cloudy but pleasant, Gentle bruge from M. M. It to N. M. Meridian to 11 P.M. Cloudy, Squally Linethows, Fresh A Eard A. bruge.
Slight fall in barometer, at 12, 15 changed gowese to Aby V. 14 V. Byorder of Coundy Officer released Chat Garroll, Will from soletary confisher ent and Confined him under sentrys gharge, Palent log 93 miles, Par 48/2. Sleam Hz. Signed, My Hannum Ensign Ho 6 P. M. Clear and pleasant, Gresh bruge from N.E. Barometer steady Under steam, fore and aft sail and foresail. Steam pressure Holbs, making Howard tions. Palent log 11 Bruts, ameroid barometer 30. HI. blo 8. P.M. Clear and pleasant with fresh bruges from Ed. Set topoails and top gallantsails. Versel on her course throughout watch heading they It he It. ameroid barom eter 30, 34. Pers 52. Steam H. Palent log 30 Brots. 8 9. M to Midnight, Weather clear and pleasant, Bright moonlight, Moderate bruze from Och. E. Baron eter steady. Bright moonlight, arested at end of watch 30. Ho. Steam Ho. Revs 50. Patent log 66.7. Lunt

Moon lanido Dec Phase

Examined and found to be correct.

W. Cellonging.
Licit & Navigator.

, 18844

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 4 am. Plus	asautwea	they partly clo	udy Gentle	bruge
Love 6. N. B. Steam 112 auralutions 53	2. arevoid	baron eter 30.37.	Patent-log 102	.5
from EN B. Sleam 42. Revolutions 5:	Signed.	It M. Invin		Quel-
bruze at end of watch, Slight fall in 42. Pers 50. Ameroid barometer 30.35.	warialle in	Love and din	ention los	48194
He o. am. Concast, Conay sima	bure ave for	Set and le	Pateral long ile	Steam
orige at ena of water. stigne fait in	-	, surogais.	wew sign.	<i>Accurr</i>
H2, Kevs 30, Unervid baromeled 30. 33,	,	31 1. 3h	8	. ,
	signed	M. H. Manne	em, ou	sign
8a In to Meridian. Weather some	what equ	ally but plea	earl wethy	passing
showers, Gentle to freshbruge in	v squall	from S. Wto	M. Barone	le visling
slowly at 10.00 took in and furled,	all'square	earls the wind	having has	uled areas
Undert we tohn ast stay sail and	best new o	ne, the old one	having spe	et, also
embered main bry sail it being ton	wat the	uch and ben	tnutone, l	26-11.00
sul down tohan Mant and would war	ds: houle	of down head	of chanks	Under
steam pressure 43 lbs. 49 revolutions,	ameroid	barometer 30.3	& Palent los	972 tinoto
sul down tohgallant and voyal yar sleam, pressure 43 lbs. 49 oco fluttons.	igned.	Kail Roh	rev,	Lieut-
Meridian to 4 P.M bloudy and say	wally with	h oce asional i	light druggle	. Vessel
off her course throughout watch,				
Steam. at 2. 30 stood off on starboard	d tacks &	of mainthroad	Moderation	in wen-
the to de classes of on successive	distill	ind On Steam	45 lbs. Qu or	les 112.
Ther towards close of watch, Started aneroid baroweter 30:40. Palent log	a prisioni	t, on secure	202000000000000000000000000000000000000	7
uneroud baroweller 30:40. O delle log	7.101.	A. J. J. J. H.	11:0	9
	signed,	01. 12.0 100	opino.	wegno
1. 6 1 100. 01 1 1	, , ,	INI	1 -1 /A	1 7
4 to 6. J. M. Weather hartly clouds	y land squ	ially but mod	erating. De	arbuselu
It to 6. J. M. Weather partly clouds steady. While from N. N. W. Chall	y and squared over	se at 408 to Ch	by 6. Pater	etlog 2.
steady. Mind from N. A. M. Change Took in main try sail at 11, 35. Mus.	y and squared and at que	si ally but mod si at 14.08 to Or carters at 14.3	by 6. Pater	etlog 2.
steady. Mind from N. A. M. Change Took in main try sail at 11, 35. Mus.	y land squaged gover lived at qu	si ally but mode si at 4.08 to Ob carters at 4.3	by 6. Pala annoid as	erburelu etlog 2. terld of
Hob. J. Mr. Weather hartly clouded steady. Mind from N. N. Il. Challe Gook kin main in sail at 4,35. Mus. watch 30.38. Steam Ho. Pers 46. Pate	leged over leved at que ut log 12. 1	se at 4.08 to 00 wanters at 4.30	by 6. Pater Aug annoid as	tlog 2. tuld of
Hob. J. Mr. Weather hartly clouded steady. Mind from N. N. Il. Challe Gook kin main in sail at 4,35. Mus. watch 30.38. Steam Ho. Pers 46. Pate	leged over leved at que ut log 12. 1	se at 4.08 to 00 wanters at 4.30	by 6. Pater Aug annoid as	tlog 2. tuld of
Sook in main in sail at 4,35. Mus. watch 30.38. Steam Ho. Pers 46. Pale	leged over leved at que ut log be s levate beign	se at 4.08 to Or warters at 4.30 Led, b. C.	Les Modera	tog 2. teld of Beech
Steady. Muid from N. A. M. Challe Sook his main try sail at 4,35. Mus. watch 30.38. Steam Ho. Class 46. Pate by F. P. M. Cloudy and Ovol. Mode Steam Ho. Revs 46. Ameroid baromete	lived at que log be level of Sign	se at 4.08 to OF warters at 4.30	Les Modera	Lind of Sint
Hob. J. Mr. Weather hartly clouded steady. Minid from N. N. M. Chall Gook his main in sail at 4,35. Mus. watch 30.38. Steam Ho. Aws 46. Pate blog. P.M. Cloudy and Ovol. Mode Steam Ho. Revs 46. Ameroid barometer 8. P.M. to Midnight Overcast cloud	lived at grate beign with log be the with log be the log be the with log be the log be the with log be the log be the log be the with log be the log be the log be the log be the log be the with log be the log	eally but moderally but moderally but moderally but moderally by	Les Modera Living. So	Lind of Linds
Sook in main in sail at 4,35. Mus. watch 30.38. Steam Ho. Pers Hb. Pate blow Ho. Revs Hb. Pate bland Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pare ast cloud barometer S. P. M. to Midnight, Overcast cloud barometer was the steam of t	level at grate breeze of 30. 111. Pland square breeze bree	eally but moderally but the of the second of	Les. Modera	Lend of Link
Sook in main in sail at 4,35. Mus. watch 30.38. Steam Ho. Pers Hb. Pate blow Ho. Revs Hb. Pate bland Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pare ast cloud barometer S. P. M. to Midnight, Overcast cloud barometer was the steam of t	level at grate breeze of 30. 111. Pland square breeze bree	eally but moderally but the of the second of	Les. Modera	Lend of Link
Sook in main in sail at 4,35. Mus. watch 30.38. Steam Ho. Pers Hb. Pate blow Ho. Revs Hb. Pate bland Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pare ast cloud barometer S. P. M. to Midnight, Overcast cloud barometer was the steam of t	level at grate breeze of 30. 111. Pland square breeze bree	eally but moderally but the of the second of	Les. Modera	Lend of Link
Sook in main in sail at 4,35. Mus. watch 30.38. Steam Ho. Pers Hb. Pate blow Ho. Revs Hb. Pate bland Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pare ast cloud barometer S. P. M. to Midnight, Overcast cloud barometer was the steam of t	level at grate breeze of 30. 111. Pland square breeze bree	eally but moderally but the of the second of	Les. Modera	Lend of Link
Hob. J. Mr. Weather hartly clouded steady. Minid from N. N. M. Chall Gook his main in sail at 4,35. Mus. watch 30.38. Steam Ho. Aws 46. Pate blog. P.M. Cloudy and Ovol. Mode Steam Ho. Revs 46. Ameroid barometer 8. P.M. to Midnight Overcast cloud	level at grate breeze of 30. 111. Pland square breeze bree	eally but moderally but the of the second of	Les. Modera	Lend of Link
Sook in main in sail at 4,35. Mus. watch 30.38. Steam Ho. Pers Hb. Pate blow Ho. Revs Hb. Pate bland Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pate Steam Ho. Revs Hb. Pare ast cloud barometer S. P. M. to Midnight, Overcast cloud barometer was the steam of t	level at grate breeze of 30. 111. Pland square breeze bree	eally but moderally but the of the second of	Les. Modera	Lend of Link

Mood found Que Phase

Examined and found to be correct.

M. Keev of S. Navigator.

Commences and until 11 am. Weather Equally but not unpleasant Orige sliff in squalls from Il I & to I & by I. Schoweter rising. Moderate sea runmedg which ship rides easily dipping her nose now and Thew Passing showers of raw Under steam, prees we 42 ws. muning.

formation aneroid baronseter 30. 43.

Signed, Harl Robert Deceles from Under steam, pressure 42 lbs, making 42 revolutions, Patent log 63.5 knots, Under steams H to 8 a M. Fresh squalls with vising barometer and moderating breezes from We and Od, at yet fore topmast stayeall main trysail and foot of spanker, and brought the vessel by the wind. at end of watch dessel on her course heading to by A. av clean Ho, avores 111, averoid bar. 30, 53, Patent log 82 knots. 8 am to Meridian. Weather party doudy but generally pleasant. Fresh to moderate breeze from h & Baron eter steady Heavy swell with chopping en from und and Od, at 10. He got up and rove off preventer fore brace and set for pail, Righted a versel on port bowat 11. Passed several pieces of floating timber Averoid at end of watch 30. 56. Steam 14. Aus 45, Patent log 9.4. Meridian to 11 P. Mr. Party cloudy, Fresh bruge from At Sew moderating Lot up and row off prevented braces for main yard fore and main topsail yards Set fore and main topsails with one ref in each, Brossed topgallant yards.
Steam HI. Revs HII. an eroid barometer 30.52. Palent log HII.

Segrid. Of Medricia. Quelly, Grish It E. breego. Slight rise in barometer. at H. 20 look suight ruf in topsails and suight out inforesail Patentlog les Steam 35, Revs 414, Aneroid 30.62. Signed. It & Hameum. Ensign 6 to 8 P. M. Pleasant weather though egitally Bruge gentle to freshin equalls from & by A. Barometer dising Under please bud sail Steampersone 41 lbs making HI robbettons, Palent log 75.6 knots, arrevoid baron eter 30.64 Rough sea durning which ship rides easily. Signed, Harl Rohew. Gut 8. P. M to Midnight, Severally gloudy and equally with passing showers and vising baroweter, at 10 took in and furled all sail and changed course to M for & Wessel offher course from 9. 30 to 9.55 to sudden shift of wind. Wind and sea moderating towards end of watch. at 11. 30 set fore topmast stayeail, maintry sail and foot of spanker. Av steam 43. Av ous 45. Patent log 102.9. Decided fall in surface temperature between first and second hours Signed. A. J. Halpine. Ensign

mooul mid

Examined and found to be correct.

Phase

M. Ceros Navigator.

, 1884

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Donnseuces and until H. a.M. Weather half of watch; after wards clearing with Took in fore and afterils al 1210, and settle 30, 70 strain Ho. Revs 44, Palent log 27, 7.	icloude oal	ally and on	me heats
half of watch; after wards clearing we.	the steady ho	breeze Baro	theles deady
Took in fore and afteails al 10 10. and settle	hem again at:	2. anivoid as	tend of watch
Do, 70 Steam Ho. Revs 44, Paleut log 27, 7.	, /		
	Signed &	. P. Rus.	Lunt
I to 8. a. M., Heather cloudy and cool, and ship rolling deeply at times. Dan to Ed, Sleam 10 Rivs 45. Ameroid be 8 a. M. to Meridian, bloudy pleasant 10 Ausing barometer. At 9, 16 inspected at 9 bleady 37. Revs 45, Patent log 88.4. miles.	Moderate bre	ege from AB	Long sea
and ship rolling deeply at times, Bar	cometer stead	y, Casseda sa	il danding
to Ed, Sleam 20 Rivs 45. aneroid b	arometer 30.	76. Palent log	55.
	Signed,	Dr. M. Irwing.	Luct
8 am to Meridian, bloudy pleasant u	reather, Mod	erate & Brand	NA & breege
Pusing barometer. at q, 15 inspected at q	warters One sa	il in sight at a	udofwatch
sleaded 37, Revs 45, Patent log 88.4. miles,	aneroid 30,76		
	1.	010:00	R
Des : 1: 1 Pan 61	Digned	DI. H. Hann	un Gusign
Meridian to H. J. M. Olean and pleasant	. Light to ge	utte bruge for	n before
to N.6. Saromelu falling. Under steam, free	essede 38lbs, m	caking 45 revo	lections.
Meridian to H P. M. Clear and pleasant to A. B. Barometer falling Under steam, free Bent the gables, Patent log about of watch 16	6.6 Knols, Uner	ord bacom eler 3	074.
WHO Dan Mind	segned,	Starl Rohre	V. Lunt
4 lo 6. P.M. Fair gool and damp, Vessels Nby 8. Passed a barque standing to Ha android barometer 30. 75. As steam by Us as	where Oderse I	hroughout wa	toh heading
Whif D. Varsed a barque standing to Ha	and Its. Unb	ent fore flores &	day eails
Undroved barometer 30, j3. Un steam of the all	sevo 43. Valer	10 d d 36	. 8
	wannin .	Character auction	The Tours
6 to 8. P.M. Weather clear and pleasant, &	en lle oriege gri	in Novy P.	mooth dea
Barometer steady. Took in and stowed her	ad sails at 7.1	s. Un eroud al	- end of watch
30.78. Stram 48 Rws 47. Palent log 48,2	Simul	b. O. Rus.	Ø,
	signia,	-0. 0. ous.	duice.
80. In to Midnight. Theasant weather	1. Hazy aven	nd the horizon	Bright
moonlight. Bentle bruge from A. A. C.	. Steam Hell	4. Rev 46. as	reroceb
moonlight, Gentle bruge from A. A. E. barons eter 30. 80. Palentlog 78.8. Started	fires in distal	ting boilers as	+ 1100
	Signed.	I It Il Irwin	v Deub
· · · · · · · · · · · · · · · · · · ·			

Moow & mid Dec Chase

Examined and found to be correct.

W. Keurson

rd of the sail the vessel is under at end of watch.

LOG of the UNITED STATES Steamer Essix, 3d Making parsage from St Thomas, W.S. to New York

		Su	rai	ing pur	sage gui	no,	1	Ovai	- u	0,	21.0	1. ~	· · · · ·	gor	,,	7	
				,	WINDS.			BAROME	TER.	TEM	PERATU	URE.	Party of all	Emil	Clear 10ths.	State	
	Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches,	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb,	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Sky, in 1	of the Sea.	Reo
	· W		F	•					1								
	A.M.	135	·	Ax8	. A.N.B.	1		30.58	57	49	114	418	befu	Cir aun	3	8	
	2	6	,	"	01.012	1		30.58					or you	geo aun	1	"	
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		Latitu	de by	D. R. at Noon										•		"	
		Longit	tude by	y D. R. at Noon										0	,	"	
				Observations at No									,	0	,	"	
		Longit	tude by	y Chronometer from													
				ng the time				setting to	the						,	"	
				the Compass by A			unris	e						0	,	"	
				the Compass by A		at								3.	ara.	llons.	
				ded during the prec		1: 0	111							ba	ga	"	
		Water		. 1 16.6	during the prece	eding 2	24 hot	ırs						97	1	"	
				ning on hand fit for									15	tons 70	0	lbs.	
				ed during the preceding on hand at Noor									67			"	
		oai r	emaini	ing on hand at Nooi													
	P.M.												,				
	1			111	Calu	0		30.59	63	41	40	34	bef.	gei aun	, 1	8	100
	2	,		- 55.	,	0		30.57	54	43	42	34	oct	,	0	2	100
	and off Si	ALC: UNKNOWN		k MW	6. 8. 8.	1		30.55	52	44	43		осш	,	0		
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	10			,	WAW	1		30.52					"		3	"	-
	11			,	"	1		3,53					"		7	*	-
	Mid.			diff	,	1		30.07	28	110	39			"	7	"	1
4813											1			1	Mary .		

Longitude by Chronometer from Afternoon Observations  $\odot$ 

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Dommences and until 11 am. Sight M. M. B. airs. Slight fall in barometer At 1. and I slopped ousel and got basts of lead, 18 faths. Greef sand and gravels Patent log at end of watch 11 miles. Ameroid 30.80. bonumenced distilling 14 to 8. a. Weather foggy, Light bruge from Nby & to NW. Barometer steady, brooth sea, Under steash, pressure 37 lbs and making 37 revolutions. at 5. gola cast of the lead, found bottom at 15/2 fathoms, grey sand and gravel; at 7 to be a nother cast bottom at 15 fathoms, grup sand and gravel, America barons eter 30.81 Signed. Karl Rohrer, Genet 8 am to Meridian. Goggy and damp, al g stopped vessel on account of fog. Sent boat in charge of navigators to camine direlict buoy. al 11:30 started ahead slow, at 11. 35 stopped; at 11. 43 went ahead fast on course A. H. Spoke N. Y. Pilot boat no. 17. Distilling averoid barometer 30.80 Patent log 40.11. Steam lbs. Res , Released Chais Barroll. De Mer from confinement by order of bommanding Officer. Ensign Meridian to H. P.M. Weather overcast and foggy. Light variable airs and calms stramed in under direction of bournanding Offices and anchored at 2 off Sandy Hook, Passed a number of vessels and buoys. Standing by Scotland Light ship at 12.50. Bearings from anchorage; Sandy Hook Fight Blut. End of point N & 14 N. Steam Whietle N. & the Ships head Mby N. Draft of water, ford 18ft bin, aft 15 ft bin, Boured fires to await-clear weather. Kept fog bill going. Made preparations for port, Began painting outsed of ship Hoisted ships number, aneroid abund of watch 30.76. Signed C. P. Cles. Lieur South to S. S. H. Painting ships vutsido, Find banked. Ameroid barometer 30.76.
Signed, M. M. Lewiw. Lieur Lieure. 6 to 8 Pm. Goggy. Observed moonlight, Slight rise inbarometer balms and light variable airs. Distitling, ancroid barometer 30.75.

Signed, Vt. G. Harmun, Ensign 8 P. M to Midnight, Weather foggs, Light bruge from US W to W. M. Darometer falling. Banked fires. Distitling Flood tide made ab 11. 20. Ancroid barometer 30.74

Signed, Karl Rohrer, Gent

Moon & mid.

Examined and found to be correct.

M. Ruergey Sint & Navigator.

d of the sail the vessel is unde at end of watch.

	Off Sandy Hook, N. y														
-			WINDS.		1	BAROME	TER.	TEN	PERATU	RE.			Clear 10ths.		
Hour.	Knots &	Courses steered.			6		-	Air,	Air,	Water	State of the Weather,	Forms of Clouds, by	P. o.	State	Reor
Hour.	Fathom		Direction.	Force.	Leewa	Height in inches.	att'd.	Dry	Wet Bulb.	nt	by symbols.	symbols.	Prop.	Sea.	
	-														
A.M.		. 1	101			1	_		100		1			,	
du	chore	dI	01.11	/		30.50	/				vw		0	0	
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4	"	W.	"	1		30.49					ocmo	Cer aun	0	"	
5	,	8.91	,	/		30,49				-	,	"	0	"	
6	"	8	,	1		30.49					"	,	0	"	
7	,	"	"	1		30.49	158	43	42		"	1	0	"	
8	"	,	,	1		30.49	58	42	42		"	"	0	"	
Stai	uding	up Alf	,	1	-	30.49	58	43	42		, .	"	0	"	
10	Bedy	'	1	1		30.49	158	43	42		"	"	0	"	
11	50		A. A. V.	1		30.49					.,,	"	0	"	
Noon.	64			1		30.4	10000				be	,	0	"	
				1001		- 1									
D	Distance rui	n by Log since prece	ding Noon									knots	fatl	ioms.	
L	atitude by	D. R. at Noon										•	,	"	
		y D. R. at Noon										•	,	"	
		Observations at Noc	on O									0	,	"	
		y Chronometer from		ations 6									,	"	
		ing the time				setting to	the								
		the Compass by Ar											,	"	
		the Compass by Az											,	"	
				at								300	oal	lons.	
		istilled	during the prece	1: 0	4 1							2223		"	
				eding 2	+ nou	irs						200	-	"	
		ining on hand fit for									1.	ons 156		lbs.	
		ned during the preced										." 2/			
C	oal remain	ing on hand at Noon									00	2/9	12		
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		12/				30.44	/				,	eir cuiu	-	N	
2	1	824	8. 8. 21	2		30.40			200000000000000000000000000000000000000		bom	"	0	1	
	hored	MIN.	Dr. S. W.	2		30,38					ocm	,	0	"	
Mod	red	, ,	"	/		30.38					"	"	0	"	
5	"	N×6	"	1		30.35					"	"	0	"	
6	"	21. 8. 24	D. W.	1		30.35					"	"	0	"	
7	"	AH	"	2		30.35					"	,	0	"	
8	"	"	,	1		30.31	65	52	50		te	"	0	"	
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30.31 65 52 48

30.31 65 49 46

Longitude by Chronometer from Afternoon Observations ⊙

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

11

Mid.

, 1884

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 1! a.M. Overcast and damp with dense fog first half of watch, clearing weather to No and We Last hour, Wistelling. Riding to obt from 3. 30. Ameroid barometer 30.72 Hoto F. a.M. Overcast and foggis. Dight airs from S. W. Baron eter steady. Stopped distilling and banked fires. Aneroidal end of watch 30.70 Signed 8 am to Meridian. Overcast and Gloudy, slightly misty gradually cleaning. Light breeze from S. W. hauling to MAM algot Sent down toh gallacet yards and housed top galland masts, alg. 45 called all hands up anchor, hove up port auchor and at 10,15 went ahead one bell, at 10,15 event manding Officer auroid baroneter 30,68. Signed H. A. Irvin. Lecut Meridian to 4 P. M. Weather cloudy and misty with light airs to light breezes from A. A. It to W. S. H. Slowly rising barometer at 12. 20 stopped and health officer came alongside. went ahead at 12.25. at 1.20 called all hands bruig ship to auchos. At 1.50 eschanged numbers with Receiving ship "Ourmont" and at 2. came to with post auchor in 5 fathoms water veering to 15 fathours chain. at 2, 20 Captain left the ship to pay official calls. at 2.25 made segnal int. 6061; sent up topgallant masts, at 2.35 neade sig. les les; sent down topgallant masto and at 3. 30 and them up again and moored ship, Bearings of auchorage; 300 yards north of Recliving ship "Vermont" anervid barometer 30.68! Signed N. J. Harmum Eusign Hot. P.M. Overcast and aloudy slightly misty greater part of watched moored ship with 30 fathous on each chains : put ou mooring swives 8 P. M to Midnight, Overcast and hazy with stationary barometer and light airs from Sid and Itd, Ebb tide at end of watch, anerded barometer 30.50. Fires banked under heating boilers. anvoid barometer 30.04, Signed A. J. H. Halpine. Eusign

Moon lonid Die Phase

Examined and found to be correct.

M. Curry Navigator.

	No	wy ya	rd	1,0	1.1	y.			
8		BAROMETER.	TEM	PERAT	URE.	State of the	Forms of	Clear Oths.	State
	Force.	Height in Ther.	Air, Dry	Air, Wet	Water	Weather, by symbols.	Clouds, by	p. of	of the Sea.

				WINDS.			BAROME	TER.	TEM	PERAT	CRE.	0		Clen	State	
Hor.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.		Dry	Wet	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols,	Prop. of Sky, in 1	of the Sea.	
A.M.	oor	ed	56	210191	,		3.31	65	52	49		ocu	Ci eune Boune	0	5	
2			6. 1.6	Or.	0-1		30.30	65	\$2	49		bow		1	,	The same of
3			W	WAN.	1		30.28	65	52	49		ocu	,	0	"	
	,		"	,	,		30.27	65	52	49	,	ofe	,	0	"	Distance of the last
-	"			\$ 5.9%	1		30,24					ofw	+	0		the same
6					,		30.22					1,	-	0	"	k
7	-		"		1	1	30.20	62	51	49			-	0	"	-
8			1.894	,	1		30.19	64	56	50		"	-	0	*	The state of
9			,	"	,		30.19	64	51	50		, .	-	0	,	and the same
10	1		Ent.	"	1		30, 111	63	53	52		"	-	0	"	The Personal Property lies
11	,		"	"	,		30.10	63	53	52		"	-	0	-	Distance of
Noon			,,	"	,		30.08	62	55	54		,	-	0	"	The same
	-				-	-		1	-	-					1	

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon		, ,,
Longitude by D. R. at Noon	•	, "
Latitude by Observations at Noon ⊙		, "
Longitude by Chronometer from Forenoon Observations ⊙		, "
Current during the time knots fms. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	0.	, "
Variation of the Compass by Azimuth ⊙ observed at		, "
Water expended during the preceding 24 hours	300	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	260	0 "
Coal consumed during the preceding 24 hours	2 tons 2/	20 lbs.
Coal remaining on hand at Noon	58 " 7	2 "

P.M.						,			
1	"	6 × 11,	8. 8. 94	1	30.08 62 55 54	bem	Cir cuno	,	8
2	"	"	"	1	3.08 62 55 54	,	"	3	"
12 300000	,	8. 8. 6	1.6	1	30.08 62 58 56	,	. "	5	2
4	,	"	"	1	30.08 62 58 56		,		
5	,	91. S. 9t	S. W.	2	30.08 63 60 58	oem	',		
6	,	.,	,	2	30 oy 63 les 58	te	1,	0	"
7	,	"	- "	2	30.0 g 65 60 59		,		
8	"	,		2	30.07 70 60 58	"	"	0	"
. 9		,	STES	2	29.97 70 60 58	00/	lis anna 3 casa	0	"
	,,		"	3	29.97 67 5957	oc.	"	0	"
11	"	NE	,	2	24.95 67 59 57	,		0	"
Mid.	"	&xN,	,	2	29,92675967	"	. "	0	"

Longitude by Chronometer from Afternoon Observations  $\odot$ 

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude — observed at Sunset

Variation of the Compass by

2

1	4	, ,	,
of watch and hazy in first part. Light Banked fires winder loo boilers for heats	the pleasant b	ut foggyed	latter part
of watch, and hazy in first part. Light	- breize from US	W. Barbar eter	sleady.
Banked fires under low boilers for heat	ing ship. anerowa	baromeles 3	0.48.
*	Signed.	Harl Rohrer	2 Lines
Samlo Meridian Veather overcast slowly. At 9.30 mustered at quarters. to redivo new Commandant of yard. Commandant of yard. Commandant of yard. Commended to Heasan Barometer steady, Fires banked under the	foating and da	mehr Barone	ler falling
Nowly Ot- 030 mustined at a content	diales ballas	a and Ollier	wentalla
to a sing receive for any doubt of and of	an your ouperes	viona officera	i want as non
to receive men community yara, a	neroia varom eur	Mr. a. Blo	( E
Box 1 + 1 Pan M. it all.	signed,	or, g. Mannum	18. + MION
Meridian 10 H J. W. Weather pleasar	it but foggy, Su	gut bruge from	w pro to sin It,
Caroneles steady ours banked under t	wo boilers, Uner	ed barometer	20.20- A
1 22 21 1-1	signed	Karl Rohrer,	101 Quent
11 to 8. J. Mr. Weather cloudy but ple	asant, Light b	ruge from S.	W. Daw-
meter falling. Fires banked under	two boilers, Un	croidbarome	ler 30,19.
11 lo 8. P. M. Neather cloudy but ple meter falling. Fives bankid under murtired alguarters at 11.30; serve	dout glean ham	mocks.	9.
	Signed VI	. G. Hannum.	Ousign
I I WILLIA VIA CALLE CIVIL OF MARCH IN VIACO	and the total	. / / 0 / 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	and a compact of the state of the
Commented balling Lives bounked und	entero boilers for	heating Kur	boses. Oher-
special facility, opins a within fill	control of courts, it	1	
vid barowheter Bo. 14		7	,
vid baroweter Bo. 14	Signed.	Karl Rohr	er, Tuest
vid baroweter Bo. 144	Signed.	Karl Rohr	er. Tuut
	Signed.	Harl achr	ert. Tunt
vid baron eter Bo. 144.	Signed,	Karl Rohr	er, Tuut
vid barowseter Bo. 144.	Signed,	Karl Rohr	v. Luub
vid barowseter Bo. 144.	Signed.	Harl Pohr	ert. Tunt
vid barowseter Bo. 144.	Signed,	Harl Ochr	er, Tuus
vid baroweter Bo. 144.	Signed,	Karl Ochr	er, Guus
vid barowseter Bo. 144  * 11 to 9. am.	Signed,	Harl achr	ert. Tuus
vid barowseter Bo. 144.	Signed,	Harl Ochr	er. Tuus
vid baroweter Bo. 144.  * L' to 9. am.	Signed,	Harl Pohr	er, Tuus
vid baronseter Bo. 144  * 11 to 9. am.	Signed,	Harl achr	ert. Tuus
vid baronseter Bo. 144.  * L' to P. am.	Signed,	Harl Och	er. Tuus
vid baron eter Bo. 144  * Leto P. am.	Signed.	Harl Pohr	er. Tuus
vid barowseter Bo. 144  * 4 to 9. am.	Signed,	Harl ach	ert. Tuus
vid barows eter Os. 144  * 4 to 9. 0 ml	Signed,	Harl Och	W. Tuus
vid barows eter Bs. 144  * 4 to 8. am.	Signed,	Harl Pohr	ers. Tumb
* Leto P. a. M.	Signed,	Harl ach	ert. Tuest
vid baroneter Bs. 14.	Signed,	Harl Pohr	W. Tuus
oid barowheter Bs. 144.	Signed,	Harl Pohr	ers. Lund

Mooul mid.

Examined and found to be correct.

Phase

W. Keerog

Variation of the Compass by

· at

rd of the sail the vessel is under at end of watch.

				d	lav	4	Ma	ra	6,0	New	Yor	A			
1				wixis.	1		BABONET	ER.	TEM	PERATURE.	0 -		rate 18°		
W	Knots.		Courses steered.			1			45-	Lie Water	State of the Weather,	Forms of Clouds, by	of Cleu in 10ths	State of the	Reo
last.		athom	Control	Direction.	Force.	RALOO	Height in inches.	Ther.	Dry	Air, Water Wet at Bulb. surface.	by symbols.	symbols.	Prop.	Sea.	
		2				-									
A.M.				101 1											
Mo	ones	6	6 xor.	S. 91 x 8.	2		29.90	67	59	57	00	Gir Cum	0	6	
. 2			6	8. S. H.	2		29.89	67	59	57	ocd	"	0	,	-
3			S. S. W.	Or	2		29.89	67	59	57	-	-	0		
4			,		2		29.89	68	59	57		7	0	,	
5			"		2		29.89				-	Pir au	0	"	
6					1		29.89		1000		,	,	0		
7	10		dott.		1		29.89				,		0		
8	1		N. 6.		1		29.89				1		0		
9	1		01.0,	"	2		29.91			-	"	"	1000	No.	
10	1		•	"	3						-	-	0	"	
			"	"	3		29.92		100		oc	"	0	"	
11	-		,	of sol	3		29.92	,			"	"	0	"	
Noon	- "		"	¥1.01.11,	~		29.92	68	24	49	- "	*	0	"	9.05
	-			. v									100		
			by Log since preced	ling Noon								knots	lath	oms.	
		7770	D. R. at Noon									-	-	"	
			D. R. at Noon									0	-	"	
	Latitud	le by	Observations at Noo	n 0								•	'	"	
	Longita	ude b	y Chronometer from	Forenoon Observa	ations (	0						•	'	"	
200	Current	t duri	ng the time	knots fm	is. per	hour,	setting to	the							
	Variati	ion of	the Compass by Ar	mplitude o observ	el at S	anris	e						'	"	
	Variati	on of	the Compass by Az	imuth o observed	at								,	"	
	Water	expen	ded during the prec	eding 24 hours								300	gal	llons.	
	Water			during the prec	eding 2	24 hor	urs							"	
	Water	remai	ining on hand fit for	use at Noon								230	,	"	
			ed during the preced								,	tons 200		lls.	
			ing on hand at Noor									" 201		"	
												201	-		
P.M.									,						
			d &	ctsk.	3		2001	6	-	1.0	oc.	Curey		1	
			AW.	411.			29.92				01	Circum		0	
	4		0111,	destrut.	3		29.92				"	"	100	"	
3	*			जाना <i>ना</i> ,	11		29.92	1000			"	"	0	"	
	"		"	"	4		29.92				"	"	0	"	
5	"		"	4	4		29.94			The same	"	4	0	"	
6	3 10		"	"	4		29.94	50	40	36	"	"	0	"	
	. 11		16	N,	45		29.96	49	40	36	"	"	0	11	
. 8	4		"	"	5		29.96	49	40	36	1	1,	0	"	
9	,		"	del	4-5		29.99				beg	- /,	3	1,	
10	11		,	"	45		30.02				,	"	5	"	
11	"		"	,	45		30.05					"	6	"	
Mid.	. ,		,,	,	4-5		30.08				1	"	4	4	
-	1							-			"	1	1	1	
	Longit	inde b	y Chronometer from	Afternoon Observ	vations	0							,	"	
	Longit	tude l	y Chronometer from	n Observations			*					•	,	"	
	Variat	tion of	f the Compass by A	mplitude obser	rved at	Suns	et						,	"	

, 188//.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 a.m. Heather were	touche Tite II to	
watch dringling vain latter bank finhthe	e juna mushifyerst spare of	
Commences and until 11 a.M. Weather overcase watch, drizzling rain latter part, Light bruge g banked under two boilers, anived barometers	3. 11 self & to Hest, Juis	
Similar Samueles, university describer	To. He of a H F	
11 6 8 am Weather wine signed	J. J. Do Halpino Ousign	)
To strady Himbor & had the	Light oriege from West, Bar	2
municip, Cousvannea under levo voclers,	Univers baroneler 30, B.	
eam to milion to segued.	VI. S. Mannum. Ensegn	
watch filet and cloud overcast and close	edy, dampfirst part of	
Lingues to Sand gentlo viceges from It to II. II.	Barometer steady Unerou	d
Ho 8. am. Heather overcast and damps, meter steady, Ginsbanked under two boilers, Signed.  1 am to Mindias, Weather overcast and close watch. Light to gentlo breezes from It to It. A. It barometer 30, 16,	di on	
ms. : 1: + 110 hr. 11 A signed,	Starl Rohrer, Leed	
Mullian to H. H. Weather overcast gloud	y and good with gentlo to	
fresh breeze from Il W. W OV. Wby dr. Garons	retwoleady. at 3 mude Jul	
Simple of the control of the	romelles So. 18.	
4 lot PM. Overcant and cland, Maderia.	1. 4. Malpino. Queign	1
and North Original barrens to the 38	ue to steff wind from with,	
funda sie in, anecola v alometer Do, 20,	PROM R.	
8 PM to Bride let he signed	. V. J. Siller Ousegn	
borne to 3 3 de louay and good his	ing varonneles, Unerted	
nuchaeur de da Overs vante a priair healing	boclers.	
Digited,	M. J. D. Halpens, Onougn.	
Meridian to HP. M. Weather overcast cloud fresh breeze from N V. to A. W by A. Baron beignab to Hagship 6,144, ans. 904 anivoid ba Signed.  4 to E. P. M. Overcast and cloudy Modera and dorth, anivoid barometer Bo. 28.  8 P. M to Midnight, Cloudy and cool Ris barometer 30,30 Firesbanked under healing a Signed.		

Moow bound Dec Chase

Examined and found to be correct.

W. Keing Rice & Navigator.

6 Guns,

					Off	New	yors	60	No	evy	Yar	de				
Ī	Hour.	Knots.	ns.	Courses steered.	WINDS,	. is	BAROMETER. Height in The	Ai	r, Air	, Water	State of the Weather, by symbols.	Forms of Clouds, by symbols,	of Clear in 10ths.	Stat of th Sea	ie.	Record of the sail the vess at end of watch.
		•	Fathoms.		Direction.	Force.	inches. att	A API	lb. Bul	b. surface.	by symbols.	symbols.	Prop. Sky,	Sea		
	A. M.										,					
-	Mi	one	ed	driv	dron	4-6	30.156	100	/		beg	Gir Cura	1	8		
	2			and the	-A. Oh. A	4-6	30.18 6		/		"	"	5	"		
	3-4	*		MMX	ANE N.	46	30.20 6				7)	"	4	"		
100	5	D		*	,	116	30.216				,	"	6			
	6	11		ABXN	AW.	4.6	30.21 6				,	,	6	"		
	7	,		"	"	46	30.21 6	22	5 2	3	",	"	7			
	8	,		,	,	5	30.21 6			1000	be.	"	8	-	,	
	9			"	,	5	30.24				,		8		,	
	10	,		N.	"	5	30.29 6				-1	"	7		"	
	11	"		018	"	5	30.36				"	"	1	,	"	
	Noon	-	-	010	"	-	20.44		7 -	4	+ '-	1	/		2	
		Dista	ince ru	m by Log since prec	eding Noon							knots	fa	thon	18.	
		Latit	ude b	y D. R. at Noon								0	,	,	"	
		Long	itude	by D. R. at Noon								•	,	,	"	
				y Observations at No								•	,		"	
				by Chronometer fro								•	'		"	
				aring the time			ir, setting to t	he				0	,		,,	
				of the Compass by A			rise					0	,		"	
				pended during the pr								300	,	gallo	ns.	
		Wat	775		during the pr	eceding 24 l	hours							"		
		Wat	ter rer	naining on hand fit f	or use at Noon							200	0	"		
		Coa	l cons	umed during the pre-	ceding 24 hours							/ tons /3			lbs.	
		Coa	l rema	aining on hand at No	on						5	3- " 7	52	•	"	
	P. M	1														
	1			16	NI.	4	30.50	62	24	24	be	ai Cu	u c	6	,	
	2			,,	"	11	30.50				.,,	,		6	"	
	3		,	. ,	"	5	30.50	65	22	22	"	,		6	"	
	4		,	"	"	5	30,53				"	,		6	1	•
	1	,	"	"	"	5	30.61				"	,		6	"	
			"	NW	"	5	30.65	1	-		"	"			"	
		,	"	e.	"	5	30.67	1000		17	"	0		1	"	
			"	NNE	*	11	30.69	1		10	beg.	Çer		9	"	
	1		"		"	3-11	30.70	1	1000	17	o cg	"		9		
	1		"	"	"	3-11	30.73	/	1	17	",	"		9	"	
				"	"	3	30.73			14	be			9	"	
				-				-						,	"	
			40333	de by Chronometer			9					0,		,	"	
				on of the Compass b		bserved at 8	*					0		,	"	
		-	ai idt)	of the Compass o	, mpneade o	The veri at a										

Variation of the Compass by

, 1884

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 1 a. M. Neather party cloudy and squally and growing very cold with rising barenews. Stepher bruge from A and W. Sright moonlight. Amount at end of watch 30. m. Signed. C. P. Aus Tunt to b. B. A. M. Neather clear and cold Baroneter rising. Fresh bruge from Cil. Amount of a bund of watch 30.58.

El M. to Meridian. Clear and cold, Doard of Inspection of which blamodore. Sedraft is president came on board at 10 \$5 and commenced general inspection of this vessel. Amerid baroneter 30. b. Slight orise in baroneter and previous described baroneter sing at 1.20 cm Meather clear, and cold. Slift bruge from N. Sacheler rising at 1.20 cm at the inspection. Bureside at battalion drill. and even as fire granters. Amerid at bed of watch 30. f. Sh. Poord of Suspection but the salip at 3.15 having finished the inspection and being attended with the usual sermonies.

4 to 8. O. M. Del an and cold with fresh bridges from Scand R, with nising baroneter. Amerid baroneter the sieges from Scand R, with nising baroneter. Amerid baroneter the sieges from Scand R, with nising baroneter. Amerid baroneter but the presh bridges from Scand R, with nising baroneter. Amerid baroneter high pand printing aucoid at end of watch 30.88.

I. R. M. la Midnight Meather clear and printing aucoid at end of watch 30.88. Signed. B. R. Cus. Sient Sient

Moon Lonid

Examined and found to be correct.

Phase

M. Keurgy Lint & Navigator.

Off New	york I	avy Yard
11		

10				winds.			BAROMETER.	TEN	PERATURE.	State of the	Forms of	Clear Oths.	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Air, Dry Bulb.	Air, Wet Bulb. surfa		Clouds, by symbols.	Prop. of Cle Sky, in 10th	of the Sea.	Record of the sail the vessel is under at end of watch.
A.M.										1				
19	Moos	ied	d.AE	AN.	3		30,76 8	57 14	17	be	Cis	9	8	
2	11		"	"	3		30,78 5			6	~	10	"	
3	,		₿. N. E.	,	3		30793	52 13	15	"	-	10	"	
4	N		"	*	3		30.79 8	57 15	15	",	~	10	"	
5	11		"	"	3		30.79	57 111	111	"		10	"	
6			AN+N.	,	4		30.81 3					10	.,	
7	1		21+N.	"	3		30.81 0			be	Cis Cinu	9	"	
8	"		8.94	Ø,	2		30.85 8		7000	. 4	"	9	"	
9			"	"	2		30.88 0			"	"	8	"	
10	,		SHXI.	",	2		30.90 6			,	"	8	"	
11		1	88.8.	8.24	2		30.90 6	55 2	, 20	"	"	7	"	
Noor	. "		"	,,	1		30.90 0	15 2	2 22	,	,	6	"	
						17								
	Dista	nce r	in by Log since pred	eding Noon							knots	lat	thoms.	

Distance run by Log since preceding Noon	knots	fathoms.
Latitude by D. R. at Noon	0	, "
Longitude by D. R. at Noon	0	, ,,
Latitude by Observations at Noon ⊙	•	, ,,
Longitude by Chronometer from Forenoon Observations ⊙	•	, "
Current during the time knots fms. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	•	, ,,
Variation of the Compass by Azimuth ⊙ observed at	•	, "
Water expended during the preceding 24 hours	300	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	170	0 "
Coal consumed during the preceding 24 hours	2 tons 32	o lbs.

53 " 432

P. M.						1			
1	"	A	6, 8, 94	2	30.90 64 28 25	be	Cis Cum	6	8
2	"	6	"	1	30.90 64 26 24	"	,	3	"
3	"	6+8	,	2	30.80 64 28 04	7	"	4	"
4	"	"	"	2	3084 62 28 27	"	"	2	"
5	"	"	Var	01	30.8462 29 27	,	. "	1	"
6	"	USW	,, .	01	3080 61 28 27	"	,		
7	"	"	,,	0-1	30.79 59 28 27	,	"	8	"
8	"	"	"	0-1	3079 5928 27	"	Cir	8	"
9	,	"	"	0-1	3077 5928 27	"	aieun	7	"
10	i	"	"	0-1	30.74 59 28 27	"	"	8	"
11	"	24.	"	0-1	36.711 59 28 27	"	"	8	"
Mid.	,	"	"	0-1	3074592827	. "	"	7	"

Longitude by Chronometer from Afternoon Observations ⊙

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass-by

Coal remaining on hand at Noon

at

, 1885.

#### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11, a.M. Overcast and cold, Bright moonlight Moderate breize from N. Il aniroid barometer 30,95
eratebruge from N. M. aneroid barometer 30,95
Signed N. M. Freview Peut
11 to 8. a.M. Chargand cold. Fires banked under two heating boilers, Rising
Now married contraction of the c
Signed N. J. L. Halping Ensign
Tante Meridian, Heather clear and gold Light variable winds. Baroweter
steady. Mustered at quarters at 9,00, Lint O. b. Berryman Mls. left-the ship on two days leave of absence at 11.50. Ancroid at end of waters 31.03
two days leave of absluce at 11.50. aneroid at end of watch 31.03.
signed, C.J. Mild dellit
Meridian to H. P. M. Clear and cold, Gentle bruge from S. S. Barometer
falling. Surgeon M. L. Buth and Luit It. H. Parker left the ship to be absent until monday morning; 5th inet, ancroid barometer 30.98.
until monday morning; 5th inet, aneroid barometer 30.98.
signed, W. M. Irwin. Level
4 to 1. V. M. Weather Clear and Cold, Light variable winds, Saroueter fall
ing. Mustered at quarters at 4.30. Aurold at end of watch 30.94.
Signed 6. P. Rus. Tunt
80. M to Mednight, Weather glear and cold, Lightvariable winds. Sarometer
falling. Mustered at quarters at 4. 30. Ameroid at end of watch 30.94
8 P. M to Midnight, Weather clear and cold, Lightvariable winds. Garometer falling. Mustited at quarters at 11, 3c. Ameroid at end of watch 30.911.  Signed. W. M. Frevin Gent

Noow loved

Phase

W. Keeroge

Stavy Yard, New York.	Stavy	Yard,	New	york.
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						, ,,	1 1	7				1				
				WINDS.			BAROMET	ER.	TEMI	PERATUR	cr.	State of the	Forms of	of Clear in 10ths.	State	
Hour.	Knots.	Fathorns.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.		at	Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	of the Sea.	Reord of the sail the vessel is under at end of watch.
A.M.																
17	loos	ed	606	01824	2		30.70	55	28	27		bc	Circum	6	8	
2	"		,,	"	3		30.70					"	cun x	7	"	
3	*		16	AN	11		30.70					"	Cir Cum	5		
4	"		"	,	4		3.69					"	,	2	,	
5	"		686.	21821	1		30.66					"	"	2	.,,	
6	"		,	,	1		30.66	10000		1		00	"	0	**	
7	4		,	,	-1		30.66	55	28	27		"	"	0		
8	"		, ,,	"	1		30.66	55	30	29		bc	"	1	"	
= 9			WSW	"	1		30.61			1		bes	,	1	"	
10			SWXW	8.24	1		30.61	57	30	29		,		,	"	
11	"		"	"	1		30.60	60	30	29		oofs	,	0	"	
Noon	1. "		,	"	1	1	30.60	60	30	29		"	"	0	"	
						-				1						
	Dista	ince ru	un by Log since pre-	ceding Noon									knots	fat	homs.	
	Latit	tude b	y D. R. at Noon										•	,	"	
	Long	gitude	by D. R. at Noon										•	,	"	
	Lati	tude b	y Observations at N	Ioon O									•	,	"	
	Lone	ritude	by Chronometer fre	om Forenoon Obser	rvations	0								,	"	

Doughtude by Dr. Mr. at the 210011			
Latitude by Observations at Noon ©	0	, "	
Longitude by Chronometer from Forenoon Observations ⊙		, "	
Current during the time knots fms. per hour, setting to the			-
Variation of the Compass by Amplitude ⊙ observed at Sunrise	•	, "	-
Variation of the Compass by Azimuth ⊙ observed at	0	, "	
Water expended during the preceding 24 hours	300	gallons.	
W. L. d. and F. Other		"	

Water remaining on hand fit for use at Noon	140	0 "
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon .	" .	"

-	-					-	-					
P. M.		6	8.94.	,	30.48	leo	30	29	oe	Cir Cum	0	8
	"	,,	"	1	30.46	. 10				"		
	"	,	Var	0-1	30.46					7,		
4	,	.,,	,,	0-1	30.46				"	"	0	"
	"	"	balm	0	30.45			-	ocms		0	"
6	. ,,	,	"	0	30.412	7 7	10000		,,	"	0	"
7	"	91824.	821	6-1	30.40	-			· oc	"	0	"
	"	,,	"	0-1	30.38				ocm	"	0	"
9	,	Ó.	"	1	30.36		/		"	"	0	"
	"	WAN.	,,	1	30.36		1		be	"	5	
	,	. ,	, ,	1	30,36				"	"	7	"
	,	Wx S.	,	,	30.36		-		,	,	8	

Longitude by Chronometer from Afternoon Observations O	Longitude	by	Chronometer	from	Afternoon	Observations	0	
--	-----------	----	-------------	------	-----------	--------------	---	--

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

under the command of

# Sunday, January 4th

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ham, Clear, and fart, Light to moderate bruge from W. S. under two boilers. Ameroid barometer 30.86.  H to 8. AM, Weather overcast and cold, steady. Beginning to snow last hour of a steady. Mustired at quarters at 9.30. An Meridian to H. P. M. Weather overcast, Barometer steady. Ameroid 30.64. Fire	d cold first ha	at el watalisola	des Catter
part, Light to moderate bruge from WS	W to A. W. Baros	meter steady. Fe	ils banked
under two boilers. Averoid barometer 30.81	.,.	2100	
11 5 agr. 11 A	regned.	It & Hanner	w. Cusign
H to t. W. Meather overcast and cold,	Right winds	from Ut A It.	Baronseter
steady. Deginning to snow last hour of	vater, aneroi	d 30.80.	0
anome to me is in the se Plant	Digned.	O. G. Rus.	Tuit-
etrady. Mustined at avantors at a 30 Com	sight airs from	W SION VI. Dar	iomeliv.
J. Marie granders par 4. con con	Signed	Of Medricial	Quet-
Meridian to H P. M. Weather overcast,	and cold, Li	ohtairs from	8. 94.
Barom eter steady. Ameroid 30. 614. For	is banked und	er two boilers.	
4 to 8 P. M. Overcast and cloudy with airs from S. It first part, variable, airs to	, Signed	Ot. G. Hannum	. Eusign
airs from & It line bart vanially with	reight fall of	enow first ho	ur. Teght
guille puis, sure abre, uses to	bigined of	oalch. unerve	d 30.07
Baroweter steady. Fires banked under two	with auth	breeze from	1 It.
Baroweter steady. Fires banked under two	o boilers, aner	oid barometer	30.516
	Signed.	Or G. Hannum	Eusian

Moon Lonid Dec Phase

Examined and found to be correct.

W. Keerry

Steamer Esset, Navy Yard, New York

3d Rate, 6 Guns,

the sail the vessel is under at end of watch.

				71				you	. 0			
TOTAL		WINDS.	10	BAROMETER	TE	MPERAT	URE.	-		Par.		
	Courses steered.				11-			State of the Weather,	Forms of Clouds, by	of Clear in 10ths.	State of the	Reord of
Hour. Knots.	Courses seems	Direction.	Force.	Height in The	A AVE	Wet Bulb	Water at surface.	by symbols.	symbols.	Prop.	Sea.	
Yath			- 2						-	2		
A.M.		,						,				
Auchored	2/xs	824	1	30.346	0 31	131		be	Cir Can	6	8	
2 11		"	1	30.32	60 3	4 32		"	,	5	-11	
3	E.	Var	0-1	30.32 6	20 3	432		, .	lix	9	"	
4			04	30.29				"		9	,,	
	4	894	1	30.29						8	-	
5 2		011	,	1				"	"	8		1000
6 ,	*	"	/	30.29				"	"	-	. "	133
7 .	01	"	/	30,29				"	"	7	"	
8	W		1	30,29	583	432	4	"	"	6	,	
-9 ,	"	M	1	30.30	593	20,	'	"		8	"	
10	"	"	3	30.30	593	#33	3	"		8		1000
11		91821	2	30.27	60 3	83	7		"	8	"	
Noon.		"	3	30,27	,	- 1	7			8		
				/		//	_					
Distance ri	in by Log since prece	ding Noon							knots	fat	thoms	
	y D. R. at Noon									,	"	
										,	"	
No. of Contract of	by D. R. at Noon										"	3 555
	y Observations at No											
Longitude	by Chronometer from	n Forenoon Observ	rations O					-	•	'	"	
Current de	aring the time	knots fr	ns, per hou	r, setting to	the							1
Variation	of the Compass by A	mplitude O observ	red at Sun	rise					•	,	"	
Variation	of the Compass by A	zimuth O observe	d at						•	,	"	113
Water exp	ended during the pre	ceding 24 hours							30	w 8	allon	
Water		during the pre	ceding 24 l	iours							44	
	naining on hand fit fo								11	00	4	
									tons		16	
	amed during the prec								"	-		
Coal rema	aining on hand at Noc	DO										
			9 2 5									
								1			,	
P.M.						1 - 1	0	be	Cir Cu	un ?	1	"
P.M.	Wxs	SW	2	30.22	60	39 3	7			200		
	Wx S	5W	2	30.22			1	7	"		-	
1 "	Wx 8	\$W.			60	39 3	39	*	"		5	
1 "	Mx S 6 North	\$ W.	2	30.20	60	39 3	39	"	"			
1 " 2 " 3 " 4 "	Mes S	"	2 3	30.20 30.20 30.20	60 60	39 3 38 3	39	7 1	"		8	
1 " 2 . s 3	Mx B 6  NMx M " E	\$ W. "	2 3 3 2	30.20 30.20 30.20 30.20	60 60	39 3 38 3 38 3	39	7 1	"		8 65	*
1 " 2 * 3 * 4 * 5 * 6 *	Mx S 6 MMx N "B	"	2 3 3 2 2	30.20 30.20 30.20 30.20 30.21	60 60 60	39 3 38 3 38 3 38 3 38 3	39	, ,	"" "" "" "" "" "" "" "" ""		5 5 7	7
1 " 2 \$ 3 * 4 \$ 5 * 6 * 7 #	N & S. S. E	"	2 3 3 2 2 1	30.20 30.20 30.20 30.20 30.21 30.21	60 60 60	39 3 38 3 38 3 38 3 38 3	37	oca	" " " " " " " " " " " " " " " " " " "	3 cont	5 70	7 7 1
1 " 2 * 3 * 4 * 5 * 6 *	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	"	2 3 3 2 2 / /	30.20 30.20 30.20 30.20 30.21 30.21	60 60 60 60	39 3 38 3 38 3 38 3 38 3 38 3	37	, ,	" Quin	3	865702	7 7 11 11 11 11 11 11 11 11 11 11 11 11
1 " 2 s 3 s 4 s 5 s 6 s	21 x 8 6 8. 8. 6 9 1 1 1 1	"	2 3 3 2 2 1	30.20 30.20 30.20 30.20 30.21 30.21 30.21	60 60 60 60	39 3 38 3 38 3 38 3 38 3 38 3 38 3	37	oca	"	3	5 70	
1 " 2 s 3 s 4 s 5 s 6 s 7 s 8 s	24 & & & & & & & & & & & & & & & & & & &	"	2 3 3 2 2 / /	30.20 30.20 30.20 30.21 30.21 30.21 30.21 30.21	60 60 60 60 60 60	39 3 38 3 38 3 38 3 38 3 38 3 38 3	37	oca	que Circ 3 on	Breeze &	865702	
1 " 2 " 4 " 3 " 4 " 4 " 5 " 4 " 6 " 7 " 8 " 8 " 9 " "	8. S. E. 21. N. N.	"	2 3 3 2 2 1 1 0 -1	30.20 30.20 30.20 30.20 30.21 30.21 30.21	60 60 60 60 60 60	39 3 38 3 38 3 38 3 38 3 38 3 38 3	37	oca be	"	3 course of	5 702 5	
1	8. S. E. 21. N. N.	"	2 3 3 2 2 1 1 0-1 0-1	30.20 30.20 30.20 30.21 30.21 30.21 30.21 30.21	60 60 60 60 60 62 63	39 3 38 3 38 3 38 3 38 3 38 3 38 3 38 3	37 7 7 7 7 7 37 37 37	oca be	"	3 come	86570250	

Longitude by Chronometer from Afternoon Observations  $\odot$ 

observed at Sunset

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude

Variation of the Compass by

Commences and until HaM. Clear and cold, Light variable pairs, Fall-
ing barons eles Tinis banked under trackille of the
Hot. a.M. Clear and sold, Sight airs from SW. Fires banked, aucroid
barometer 30.53.
Signed It At Anniel Gent
8 am to Meridian, Clear, and cold, Light Well, bruge, shifting to Ord W.
slight fall in barometer, all 9, 30 inshedted abounties alm 30 made int
5, Vermont andwered and made 90 4. To bed sail to dry, Fires banked, under two boilers. averoid barometer 30, 49.
f., (M.C. 2h.
Meridian to 4 P.M. Weather cold but not unble agant Tight to aut to
Meridian to 4 P.M. Weather gold but not unpleasant, Light to gentle bruge from S. M. Barometer falling slouply at 1. made just signal "brog which bernout answered with "go 4. Fulled and unbent aguare sail-
aniroid barometer 30.46.
X . , R . (D) A. ,
4 to 8, PM Weather pleasant, Light brugo from SW. Barometer strate
Fires banked under two boilers, aheroid balometer 30.44. By direction of
The Secretary of the Navy dishonorably discharged from the Naval Service
of the United States Jal & Morrissey (Sea) Chal & B. Hillot, Osea) and Lincoln Mi Su, Las).
8 P. M to Midnight. Weather rainy. Aruge light in force and variable
8 9. Mts Midnight. Weather rainy. Aruge light in force and variable
ship. Ameroid barometer falling, Flies banked lunder two boilers for heating
Signed Harl Robert D. H.
Signed, Karl Rohrer, Quiet

Moowlanid Dec Phase

M. Kurzy Levil & Manigator. Slearner Esset, 3d Rate, 6 Navy Yard, New York

Guns,

						1	1	1				1			1900	
				WINDS.			BARONE	TER.	TEM	PERATU	TRE.			Clear 10ths.		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.		State of the Sea.	Roard of the sail the versel is at end of watch.
A.M.	cho	ned	W+S	8	,		30.16	61	37	36		och	Qi Lum	0	8	
2	"		JI B X N.	,	1		30,18					"	"	0	"	
3	"			,	1		30.12		1			oen	"	0	"	
4	"				1		30.10	64	38	36		"	"	0	"	
5			,	8.8.24	1		30.00					ocrf	Suu &	0	,	
6			6	821	,		29.99					,		0		100
7	"	100	,	"	1		29.96	611	39	38		,,	1	0		
8	1			O.	,		29.99	611	39	38			"	0		
2 9	"		2/824	8.8.24	2		29.90					,,	"	0	"	
10			-,0,1,	p. 70 1	2		29.86					oun		0		
11			824	,	2		29.80					00		0	"	
Noon		100	70.01	"	1		29.78					,	,	0	,	
	1		And the second	and the same of the same of the same of		No. of Street,	11	-	-	The state of the s			The state of the s	Section 1		

Distance run by Log since preceding Noon kr	ots	fathoms.
Latitude by D. R. at Noon	•	, ,,
Longitude by D. R. at Noon	•	1 11
Latitude by Observations at Noon ②	0	, "
Longitude by Chronometer from Forenoon Observations ⊙	•	, ,,
Current during the time knots fms. per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	ŏ	, "
Variation of the Compass by Azimuth ⊙ observed at	•	, "
Water expended during the preceding 24 hours	300	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	80	0 ".
Coal consumed during the preceding 24 hours tor	5	lbs.
Coal remaining on hand at Noon "		"

			1	MANUAL DE					
P.M.									
1	"	521	16	1	29.71 65 57 50	och	gir Que	0	"
2	"	"	"	1	29.67 65 52 51	"			
3	"	"	8	3	29.62 59 53 52	00	,	0	"
4	"	, ,	824.	3	29,62 59 53 52	"	"	0	"
5	4	A.	121	2	29.60 59 56 52	be	,,	2	"
	"	686	balu.	0	29.60 59 55 32	oer		0	"
. 7	"	"	8824	1	29.60 59 54 52	ocru		0	"
	,	86	,	1	29.60 59 54 52	och	"	0	"
9	,	21	824	2	29.60 655554	oe	,	0	"
10 -		"	,	2	29.59 65 55 54	"	"	0	".
	"	"	,	3	29.58 64 56 574	,		0	1
	,	,	,	3	29.57 62.56 524	,		0	

Longitude by Chronometer from Afternoon Observations  $\odot$ Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

, 1885.

### RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 am, Overcast and raining throngout watch with
Commences and until 4 a M. Overcast and raining througout watch with light airs from S, Slight fall in baroweter, anevold 30.30
Signed N. J L. Halpine, Busign
11 to 8. a. W. Overeast rainy and foggy. Dight breeze from North to S. S. M.
Darom eter falling clowly. Fires banked lunder two boilers for heating ship
A to 8. a. W. Overeast rainy and foggy. Sight breeze from North to S. S. W. Darom eter falling cloudy. Fires bandred lander two boilers for heating ships Received on board fresh provisions for green. Ameroid barom eter 30.14.
I am to Meridian. Weather raining and foggy in first part of watch, light ing up somewhat in latter part, Light bruge from S. S. M. Barons etwo fall
ing up somewhat in latter part, Tight briefe from S. S. M. Barometer fall
ing Overs vantia under two boilers for healing ship. Durgeon M. G. Muth. Seent
4. 96. Parker, and I Lieb C. O. Serryman US Milo, returned from leave, Brought
the provider lighter alongside ready to receive our ammunition when the weather serves. And baroneter 30.00.
serves. Aneroid baroweler 30.00. Signed, Harl Rohrer. Level
Menidian to 11 Pm Ourset a 11 in the Miles Stohner. Level
Meridian to 4 O.M. Overcast and rainy with falling barow etis and variable bruges. Fransferred to U.S. A. Hospital with bago hammocks and ous towary
Southers the Police is a s. S. Nospital wern vago nammocks and sustomary
prapers the following named men: Peter George Sea ) We Me Multy Sea adolph
Docher, I'll Fire) De W. Lev, (6 %) and Georiel S. Quelley Oszel anionid 30.90 Signed N.J. J. Halpine. Ensign
11 to 8 P My Meathers muraal rains and as it hales and light air le
It to 8. P. M. Weather overcast vainy and misty, balors and light airs from Sd and Itd, Barow eter steady, aneroid 30.90. Files banked under two boilers
Signed Karl Rohrer, Givet
8 P. M. to Midnight Overaget and cloudy with fall nia bar ometed and
authobreezes flow de day of Ald arrand barometer 3, 86.
8 P. M to Midnight, Overcast and cloudy with falling barometer, and quitte breezes from Soland Itd. An evoid barometer 30.86.  Signed AJG Halpine Europe
Just surger surger

Moonkmid Dec Phase

Examined and found to be correct.

W. Kenogz Leint & Navigator.

Coal remaining on hand at Noon

LOG of the UNITED STATES Steamer Estates, Gaste, Guns,

Clary Gard, New Gork.

WINDS.

BAROMETER. TEMPERATURE.

Weather, by symbols.

Courses steered.

Winds.

Height in Ther. Air, Air, Water by symbols.

State of the Weather, by symbols.

State of the Sea.

Record of the sail the vessel is under at end of watch.

Hour.	Ruots	Fathom	-	Direction.	Force.	Leewa	Height in inches.	Ther. att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. Sky, i	Sea.	at end of watch.
A.M.	cho	ud	8	S.W.	3-4		29.56	64	55	53		oc	cum't Civ Cum		8	
2	"			,	3		29.55	64	54	52			"	0	"	
` 3	"		6N.6	. "	1	23	29.55	65	53	52		,	"	0	"	
4	"		"	"	1.		29.55	65	53	52		,	"	0	"	
5	"		6	"	1		29.55	67	54	52		. "	"	0	"	
6	,		,	"	1		29.55	1		100000	1	be		3	11	
7	"		6.8.6.	"	1		29.55	69	54	52	-	bed	"	2	"	1000
8	"		,	,,	1		29.55					be	,,	2	"	
9	"	100	"	,	1		29.55	-				,	lis bum	3	"	
10			W.N.W.	. 11	1		29.55					" -	-	5	"	
11			"	"	1		29.56	69	50	46	6	"		6	"	
Noon.			"	"	2	1	29.50					,		5	,	
	Dista	nce ru	n by Log since prece	eding Noon									knots	fati	homs.	L. L. Commercial
	Latita	ide by	D. R. at Noon										0	,	"	
			by D. R. at Noon										0	,	"	
			Observations at No	on O									•	,	"	
	Long	itude l	by Chronometer from	n Forenoon Observ	rations	0							0	,	"	

Latitude by D. R. at Noon		0 ,	"
Longitude by D. R. at Noon	0 ,	"	
Latitude by Observations at Noon	0 ,	"	
Longitude by Chronometer from F	0 ,	"	
Current during the time k	mots fms. per hour, setting to the		36
Variation of the Compass by Amp	0 ,	"	
Variation of the Compass by Azim	• ,	"	
Water expended during the precedi	ing 24 hours	300 ga	llons.
Water	during the preceding 24 hours		"
Water remaining on hand fit for us	se at Noon	500	"
Coal consumed during the preceding	og 24 hours	tons	lbs.

m 4	8
0	
0	44
0	-
0	
0	
0	
0	
0	"
0	"
1	0 0 0

Longitude by Chronometer from Afternoon Observations ©	•	,	"
Longitude by Chronometer from Observations *		,	"
Variation of the Compass by Amplitude observed at Sunset		,	"
Variation of the Compass by at	•	,	"

Commences and until 4 a. M. Weather overcast and pleasant Light breeze
from S. W. Barometer steady aneroid at end of watch 29.82  Signed - C. O. Cless Lieut
Signed - C. O. Oles Lieut
4 to 8. a. m. Weather cloudy and pleasant light breeze from S. W. Barometer
steady. Fires banked under two boilers for heating purposes, an Barometer 29.82
Signed Karl Rohrer Lieut
He & a.m. Weather cloudy and pleasant light bruge from S. W. Barometer steady. Fires banked under two boilers for heating purposes. On Barometer 29.82 Signed Karl Robrer Lieut 8 a.M. to Meridian. Fair and pleasant with stationary Barometer and light airs and bruges from Vid. Descharged all ammunition and projectiles except solid shot and empty 3 in projectiles into lighter and sent it down to Maval Magazine. Aneroid barometer 30.87  Signed. After Halpine Ensign  Meridian to 4 O.M. Weather overcast and coof with still socially from Vid.
airs and breezes from Vd. Discharged all ammunition and projectiles except
solid shot and empty 3 in projectiles into lighter and sent it down to Maval
Magazine aneroid barometer 36.87
Signed Selfine Ensign
and Wd. Barometer steady at 1.30 unmoved ship preparatory to going alongside dock. Catted and fished starboard anchor and remained lying at single
dock talled and fished starboard anchor and remained lying at single
anchor with 36 fathom shackle of port chain forward of capstan sent work
ing party ashore to make preparations for landing battery. Aneroid at end
of watch 29.98  Signed 6.0. Class Lieut  4 to 8. O. M. Cloudy and cool with rising barometer and puffy breezes from  W.d. Anerois barometer 30.02  Signed N.J. J. Halpine H. Ensign
11+00m ll 1 1 1+1 Digned + 1 1 1 1 leut
The o. O. M. Couly and cool with using varometer and puffy breezes from
VId. Unerore varometer 30.02
8 Chan + Jan: 1: 11 W. H. Signed OV. J. J. Halpine Tomsign
O Wo to Waanight Weather overcust and squary. Garomerer suady.
Wd. Ameroid barometer 30.02  Signed N.J.S. Halpine & Ensign  80.M. to Midnight: Weather overcast and squally. Garometer steady.  Aneroid at end of watch 30.12  Signed, Signed, Signed
Signed, C. P. Quest Lieut

Moon & mid Dec Phase

Examined and found to be correct.

M. Kewyz Lieut & Navigator.

Distance run by Log since preceding Noon	knots	fathoms.	
Latitude by D. R. at Noon	•	, ,,,	
Longitude by D. R. at Noon	0	, ,,	
Latitude by Observations at Noon ⊙		, ,,	
Longitude by Chronometer from Forenoon Observations ⊙	•	. "	
Current during the time knots fms. per hour, setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise	0	, ,,	
Variation of the Compass by Azimuth ⊙ observed at	0	, ,,	
Water expended during the preceding 24 hours		gallons.	
Water during the preceding 24 hours		"	
Water remaining on hand fit for use at Noon		"	
Coal consumed during the preceding 24 hours	tons	lbs.	
Coal remaining on hand at Noon	"	"	-

P.M.											
	ugat dock	8.14.	2	30.05	65 45	39	be	circum	7	8	
020			2		65 45			civcum Voltah	6		
3	4	S.S. W.	2		65 45			civeum			
4			2	30.07	65 45	39	"		4		
5	"		2	30.07	65 40	39	,		2		
al	doch	S.W.	2	30.06	65 45	-39			3	-	
7	4		2	30.06	67 40	-39			4		
8			2	30.07	67 45	-39			0	-	
9		"	-	30.06	65 45	-39	oc		4		
10			2	30.06	65 44	39	be		6	4	
	"	,	2		65 xx		"		7		
Mid.	~	,	2		65 44				8		

Commences and until 4 a. M. Cloudy and cool. Moderate breeze from West with frequent puffs first part. Ameroid barometer 30.18 Signed W. W. drivin Light 4 to 8. a. M. Clear and cool, Light brilge from N. M. W. to West. at 7.55 Havy yard tug came alongside to take us along Ordnance Wharf called all hands En anchor at 7.55 Ameroid barometer 30.29 C.O. Bitle 8. Ensign 8 a. M. to Meridian. Weather clear and pleasant. Light bruze from S. W. Garometer rising, got underway at 8.15. and with the assistance of Navy yard trig hault dongside dock under bun Derrick, Hoisted out battery and rolled guns into proper position on skids. anevoid at end of watch 30.32. Begun distilling.

Signed Sentle bueze from S. W. to S.S. W. Wastered at quarters at 3. Sent down Top gallant gards and masts and rigging. Ameroid Bar 30.30

Signed W.M. Smirn Lieut 4 to 80. M. Weather clear and pleasant Gentle breeze from St. W. Barometer steady at 4.30 the Navy Yard tug came alongside, cast loose moorings to and slipped berth to W. W. end of Yard, securing with chain fastenings and spier shores. Distilling, aneroid at end of watch 30 28 Sighes 6. O. Reed Lieut. 8 P. M. to Mid. Pleasant weather Gentle bruze from S. W. Barometer steady aneroid barometer 30.26 aneroid barometer 30.26 Signed W.M Trwin Lieut

6 Guns,

M. Declo J. J. J. Set be 65 U. S. 39 bc. Cive came 5 d. J. J. Set be 65 U. S. 39 bc. Cive came 5 d. J. J. Set be 65 U. S. 39 d. J. J. Set be 65 U. S. 39 d. J. J. Set be 65 U. S. 39 d. J. J. Set be 65 U. S. 39 d. J. J. Set be 65 U. S. 39 d. J. J. Set be 65 U. S. 39 d. J. J. Set be 65 U. S. 39 d. J. J. Set be 65 U. S. 39 d. J. J. J. Set be 65 U. S. 39 d. J. J. J. Set be 67 U. S. 39 d. J. J. J. J. Set be 67 U. S. 39 d. J.								_	ru	vy	ya	rd	0	Veu	v (yo
M. Decle S	1	T		WINDS			BAROMETER	R. TE	MPERATUR	UE.	-		lear ths.		
A Control of the Compose by Arimuth © observed at Market Gard of the Compose by Arimuth © observed at Market Gard of the Compose by Arimuth © observed at Market Gard on Ma	sur. Knots		Courses steered.			1	Height in Ti	her Air	, Air, V	Vater	Weather,	Forms of Clouds, by	of C in 10t		Roord of the sai
## Detail		Patho		Direction.	Force	Leen	inches. at	rid. Bul	b. Bulb. su	at irface.	7,4		Prop.		
Joel 65 42 39	M.			1.1											
Je of les verige	US	Doc	les	S.W.	1		3006 6	54	439		be	civem	.5	8	
JG 60 65 42 39   S   S   J 2408 67 42 39   S   S   J 2408 67 42 39   S   J 2408 67 42 39   S   J 2408 67 42 39   J 2408 67 42 42 4 J 2 J 2408 67 42 42 4 J 2 J 2408 67 42 42 4 J 2 J 2408 67 48 42 4 J 2 J 2 J 2408 67 4 J 240	3				1								6	1	
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S    129767 47441	7				1		29.98	67 ×	239				7		
10	8				1				and the same				7		
Distance run by Log since preceding Noon  Latitude by D. R. at Noon  Longitude by D. R. at Noon  Longitude by D. R. at Noon  Longitude by O. R. at Noon  Variation of the Compass by Animuth © observed at Sunrise  ""  Variation of the Compass by Animuth © observed at Sunrise  ""  Water expended during the preceding 24 hours  gallous.  Water evanining on hand at foo use at Noon  ""  Coal consumed during the preceding 24 hours  toon  Ils.  Coal remaining on hand at Noon  ""  A	9	9			1		19921	67 4	441			-	7	,	
Distance run by Log since preceding Noon knots fathoms.  Latitude by D. R. at Noon  Longitude by D. R. at Noon  Longitude by Chromometer from Forenson Observations ©  Current during the time knots fins per hour, setting to the  Variation of the Compass by Amplitude © observed at Sanrise  Variation of the Compass by Azimuth © observed at  Water expended during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal consumed during the preceding 24 hours  Under the maining on hand at Noon  Coal remaining on hand at Noon  ""  P.M.  Mid.  Mid.	10				1	_	11-				be		7		
Distance run by Log since preceding Noon knots fathoms.  Latitude by D. R. at Noon   Longitude by D. R. at Noon   Longitude by Observations at Noon   Longitude by Chronometer from Forenoon Observations   Carrent during the time knots fins, per hour, setting to the  Variation of the Compass by Arginuth   Variation of the Compass by Arginuth   Water expended during the preceding 24 hours   Water remaining on hand fit for use at Noon   Coal consumed during the preceding 24 hours   tons liss.  Coal remaining on hand at Noon   ""  ""  ""  ""  ""  ""  ""  ""  ""	11				1		11					-	7		
Latitude by D. R. at Noon  Longitude by D. R. at Noon  Latitude by Observations at Noon ⊙  Longitude by Chronometer from Forenoon Observations ⊙  Current during the time knots fms. per hour, esting to the  Variation of the Compass by Amplitude ⊙ observed at Sunrise  Variation of the Compass by Azimuth ⊙ observed at  Water expended during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal coasumed during the preceding 24 hours  Coal remaining on hand at Noon  **  **  Coal remaining on hand at Noon  **  **  **  **  **  **  **  **  **	00B.				1	10	29.80	634	8 44				7	-	
Latitude by D. R. at Noon  Longitude by D. R. at Noon  Latitude by Observations at Noon ©  Longitude by Chronometer from Forenoon Observations ©  Current during the time knots fms. per hour, esting to the  Variation of the Compass by Amplitude © observed at Sunrise  Variation of the Compass by Azimuth © observed at  Water expended during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal coasumed during the preceding 24 hours  Coal remaining on hand at Noon  ""  ""  ""  ""  ""  ""  ""  ""  ""															
Longitude by D. R. at Noon Latitude by Observations at Noon  Longitude by Chronometer from Forenoon Observations  Carrent during the time knots fms. per hour, setting to the Variation of the Compass by Amplitude  Observed at Sunrise  Variation of the Compass by Arimuth  Observed at  Water expended during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal consumed during the preceding 24 hours  tons  Coal remaining on hand at Noon  ""  ""  ""  ""  ""  ""  ""  ""  ""				preceding Noon											
Latitude by Observations at Noon ③  Longitude by Chronometer from Forenoon Observations ③  Current during the time knots fms. per hour, setting to the  Variation of the Compass by Amplitude ② observed at Sunrise  Variation of the Compass by Azimuth ④ observed at  Water expended during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal consumed during the preceding 24 hours  tons  Coal remaining on hand at Noon  ""  **M.*  1  2  3  4  5  6  7  8  9  10  11  Mid.															
Longitude by Observations at Notal  Current during the time knots fms. per hour, setting to the  Variation of the Compass by Amplitude © observed at Sunrise  Variation of the Compass by Azimuth © observed at  Water expended during the preceding 24 hours  Water during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  **  **  **  **  **  **  **  **  **			y D. R. at Noo												
Current during the time knots fins, per hour, setting to the  Variation of the Compass by Amplitude © observed at Surrise  Variation of the Compass by Azimuth © observed at  Water expended during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  P. M.  1  2  3  4  5  6  7  8  9  10  11  Mid.	-												-		
Variation of the Compass by Amplitude © observed at Surrise  Variation of the Compass by Azimuth © observed at  Water expended during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal consumed during the preceding 24 hours  tons llb.  Coal remaining on hand at Noon  ""  P.M.  1 2 3 4 5 6 7 8 9 10 11 Mid.													,	"	
Variation of the Compass by Azimuth © observed at Surise  Variation of the Compass by Azimuth © observed at Surise  Water expended during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  ""  P.M.  1  2  3  4  5  6  7  8  9  10  11  Mid.	Long	gitude b	y Chronometer	from Forenoon Ob				.1.				•	,	"	
Water expended during the preceding 24 hours  Water during the preceding 24 hours  Water remaining on hand fit for use at Noon  Coal coasumed during the preceding 24 hours  Coal remaining on hand at Noon  P. M.  1 2 3 4 5 6 7 8 9 10 11 Mid.	Long	gitude b	oy Chronometer	from Forenoon Ob	fms. pe	er hour,		the							
Water during the preceding 24 hours  Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  P. M.  1  2  3  4  5  6  7  8  9  10  11  Mid.	Curr Vari	gitude b	by Chronometer ing the time f the Compass b	from Forenoon Ob knots by Amplitude ⊙ ob	fms. pe	er hour,		the				•	,	"	
Water remaining on hand fit for use at Noon  Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  ""  P. M.  1 2 3 4 5 6 7 8 9 10 11 Mid.	Curr Vari	gitude b	by Chronometer ing the time of the Compass b	from Forenoon Ob knots oy Amplitude ⊙ ob oy Azimuth ⊙ obse	fms. pe eserved at	er hour,		the				•	, ,	"	
Coal consumed during the preceding 24 hours  Coal remaining on hand at Noon  "  P. M.  1  2  3  4  5  6  7  8  9  10  11  Mid.	Curr Vari Vari Wat	gitude b	by Chronometer ing the time of the Compass b	from Forenoon Ob knots by Amplitude ⊙ ob by Azimuth ⊙ obse preceding 24 hour	fms. pe served at	er hour,	e	the				•	, ,	" " Illons.	
Coal remaining on hand at Noon  " "  P. M.  1  2  3  4  5  6  7  8  9  10  11  Mid.	Curr Vari Vari Wat	gitude b rent dur istion of istion of der exper-	by Chronometer ing the time of the Compass by the Compass by anded during the	from Forenoon Ob knots by Amplitude ⊙ ob by Azimuth ⊙ obse preceding 24 hour during the	fms. pe served at	er hour,	e	the				•	, ,	" " Illons.	
P.M.  1 2 3 4 5 6 7 8 9 10 11 Mid.	Curr Vari Vari Wat Wat	gitude b rent dur istion of istion of ter exper- ter	oy Chronometer ing the time f the Compass b f the Compass b nded during the nining on hand f	from Forenoon Ob  knots  by Amplitude ⊙ ob  preceding 24 hour  during the  it for use at Noon	fms. pe served at erved at s	er hour,	e	the					, ,	" " Illons. "	
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2 3 4 5 6 7 8 9 10 11 Mid.	Curr Vari Vari Wat Wat	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob- knots  by Amplitude ⊙ ob- preceding 24 hours  during the fit for use at Noon preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" " Illons. " " Ibs.	
3 4 5 6 7 8 9 10 11 Mid.	Curr Vari Vari Wate Wate Coal	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob- knots  by Amplitude ⊙ ob- preceding 24 hours  during the fit for use at Noon preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" " Illons. " " Ibs.	
3 4 5 6 7 8 9 10 11 Mid.	Curr Vari Vari Wate Wate Coal Coal	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob- knots  by Amplitude ⊙ ob- preceding 24 hours  during the fit for use at Noon preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" " Illons. " " Ibs.	
5 6 7 8 9 10 11 Mid.	Curr Vari Vari Wat Wat Coal	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
6 7 8 9 10 11 Mid.	Curr Vari Vari Wat Wat Coal Coal	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
7 8 9 10 11 Mid.	Curr Vari Vari Wat Wat Coal Coal	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
8 9 10 11 Mid.	Curr Vari Vari Wate Wate Coal Coal Coal 2	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
9 10 11 Mid.	Curr Vari Vari Wat Wat Coal Coal Coal	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
10 11 Mid.	Curr Vari Vari Wat Wat Coal Coal	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
11 Mid.	Curr Vari Vari Vari Vari Vari Vari  Vat  Vat  Coal  Coal  P. M.  1  2  3  4  5  6	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
Mid.	Curr Vari Vari Vari Vari Vari Vari Vari Va	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
	Curr Vari Vari Vari Vari Vari Vari Vari Va	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
	Curr Vari Vari Vari Vari Vari Vari Vari Va	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob-  knots  by Amplitude ⊙ ob-  preceding 24 hours  during the  it for use at Noon  preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	
Longitude by Chronometer from Afternoon Observations ⊙ ' "	Curr Vari Vari Vari Vari Vari Vari Vari Va	gitude berent dur istion of istion of ier experier ter rema	oy Chronometer ing the time f the Compass b f the Compass b nded during the uning on hand f ned during the p	from Forenoon Ob- knots  by Amplitude ⊙ ob- preceding 24 hours  during the fit for use at Noon preceding 24 hours	fms. pe served at erved at s	er hour,	e	the				tons	, ,	" lloss. " " llss. "	

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

Commences and until 4 a.M. airs from S.H. Barometer far boilers. Aneroid barometer 30.18	1. Clear and	pleasant weather light
airs from S. H. Barometer far	lling slightly,	fires banked under two
boilers. aneroid barometer 30.18		
From 4 to 8 a.m. Weather hazy	Signed	W.G. Hannail Ensign
From 4 to 8 a.m. Weather hazy	s and pleasar	it light breeze from S.W.
Sarometer falling. Passed lig	aht spars and	d rigging out on dock. Making
preparations for slupping s	hijo, Unevoid	attend of watch 3018
50 MM + M .: 1: 181 1	Signed 10.	a rigging out on dock! Making a Hind of watch 3018 6. O. Recel Limb the airs from S. W. Cow in-
ployed in dismantling shi	pleasant ug	our aus from S. M. wew em-
there to store houses in the	p, gering ou	own Mizzen Topmast, shanker
call and booms afore & Main	tusail calle	les fil boom. Ameroid Fav 30.16
guest wine will, Sole Brygan o	your guffs, a	ne gu voom, omerou on sort
	Signed	W.M Divin Lieut
From Meridian to 4 PM Wear	Signed ther clear and	pleasant, engaged in dis-
From Meridian to 4 PM Wear mantling the ship, confiner	Signed ther clear and d Thomas	pleasant, engaged in dist
From Meridian to 4 PM Weats mantling the ship, confiner	Signed ther clear and d Thomas for class (machin	Wynne 1st class machinist
From Meridian to 4 PM Weats mantling the ship, confiner	Signed ther clear and d Thomas for class (machin	Wynne 1st class machinist
From Meridian to 4 PM Weats mantling the ship, confiner	Signed ther clear and d Thomas for class (machin	Wynne 1st class machinist
From Meridian to 4 PM Wear mantling the ship, confiner and Thomas Thornton 2nd ing to leave the yard withour	Signed ther clear and and Thomas for class machine formission. Signed	pleasant, engaged in district Wynne 1st class machinist wish in double irons for attempt Banked fires under two boilers Wels. Hannam Ensign
From Meridian to 4 PM Wear mantling the ship, confiner and Thomas Thornton 2nd ing to leave the yard withour	Signed ther clear and and Thomas for class machine formission. Signed	pleasant, engaged in district Wynne 1st class machinist wish in double irons for attempt Banked fires under two boilers Wels. Hannam Ensign
From Meridian to 4 PM Wear mantling the ship, confiner and Thomas Thornton 2nd ing to leave the yard withour	Signed ther clear and and Thomas for class machine formission. Signed	pleasant, engaged in district Wynne 1st class machinist wish in double irons for attempt Banked fires under two boilers Wels. Hannam Ensign
From Meridian to 4 PM Wear mantling the ship, confiner and Thomas Thornton 2nd ing to leave the yard withour	Signed ther clear and and Thomas for class machine formission. Signed	pleasant, engaged in district Wynne 1st class machinist wish in double irons for attempt Banked fires under two boilers Wels. Hannam Ensign
From Meridian to 4 PM Wear mantling the ship, confiner and Thomas Thornton 2nd ing to leave the yard withour	Signed ther clear and and Thomas for class machine formission. Signed	Wynne 1st class machinist

								C	Na	uy	(	Yard	Ne	w	ay	och
Hour.	Knots.	Fathoms.	Courses steered,	WINDS.	Force.	eeway.	Height in inches.	TER.	TEMI	Air, Wet Bulb.	RE.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Clear 10ths.	State of the Sea.	Reord of the sail the vessel is at end of watch.
A.M.		Fat		Monate		7			Bulb.	Bulb.	urface.	,	eum			
1				W. W.W.	5							be	cir cum	5		-
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Noon							-			-						
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•			n by Log since prece	ding Noon									knots		homs.	
			D. R. at Noon										0	,	"	1
			oy D. R. at Noon Observations at No	on 0									0	,	"	
			by Chronometer from		tions	0							0	,	"	
			ring the time				r, setting	to the								1000000
			f the Compass by A										•	,	"	
			f the Compass by A										•	,	".	
			nded during the pred											g	allons.	
	Wate			during the prece	eding	24 h	ours								"	
	Wate	r rema	nining on hand fit for	r use at Noon											"	
	Coal	consur	ned during the prece	eding 24 hours									tons		lbs.	
	Coal	remain	ning on hand at Noo	n									u		"	
							1									
P.M	L			N.W								be	eum			
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11		1			2	-						"	,	9		
Mi	d.			"	1									9		
	Lon	gitude	by Chronometer fro	om Afternoon Observ	vation	IN (O)	-					1	0	,	"	

Longitude by Chronometer from Afternoon Observations ⊙

Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

, 1885.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Hid to 4 a. W. Weather clear and pleasant. Banked fires under two boilers. 4 to 8 a. M. Partly cloudy-cold. Fresh N. E. bruze. Broke out Sail room and Hold. 8 a. W. to Meridian Clear and cold brew employed in getting out stores and transporting them to the storehouses in the yard. Teleased Thos. J. Wynne 1th class machinist and Thos Thornton 2th class mach inist from confinement. Fires banked under two boilers. Meridian to 4 O.M. Weather clear and cold Moderate breeze from N. W. Stripping ship and sending stous ashow. Fires banked under two boilers for heating ship.

4 to 8 O.M. Clear and cold be the to Ho & O. M. Clear and cold Gentle to moderate buye from N.W. Fires banked under two boilers for heating ships 8 P.M. to Midnight. Clear and cold. Gentle to light breeze from N.W. Fires banked under two boilers for heating ship.

Signed Kall achier Lieut

Longitude by Chronometer from Afternoon Observations O

observed at Sunset

Longitude by Chronometer from Observations Variation of the Compass by Amplitude

Variation of the Compass by

			*					0	Na	vy	(	land,	New	v	yo	roke
				WINDS.			BAROME	TER.	TEM	PERATU	IRR.			Heur ths.		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leevay.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Reord of the sail the vessel is under at end of watch.
A.M				, ,								1				
1				OV. W.	2							be	and cum	7	of	
· 2				n.u.w.	2							-		7	7	
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Commencing and to 4 am. Clear and cold Slight breeze from It to the S. It Fires banked under two boilers. Fires under two bilets Signed AJd. I. Halpinest Conign 4 to 8 am. Weather some what cloudy and warmer Slight breeze from ESE. to E Tires banked under two boilers.

8 am to Meridian. Clear and cool. Gentle breeze from OS 6 to S. 6. Fires banked under two boilers for heating ship.

Signed Karl Arker Lieut Variable breezes. Sent liberty party ashore, fires banked under two boiler variable breezes. Sent liberty party ashore, fires banked under two boilers of watch. Light to gentle breeze from S. 6. Fires banked under two boilers for heating ship.

Signed Agel Achier. Lieut School Weather Cloudy light driggling rain. Sight breeze from S. M. Fires banked under two boilers of Mid. Weather cloudy light driggling rain. Sight breeze from S. M. Fires banked under two boilers.

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Ī					WINDS.			BAROMETI	T		PERATUR						
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Longitude by Chronometer from Afternoon Observations 

Longitude by Chronometer from Observations 

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Variation of the Compass by Amplitude observed at Sunset

Variation of the Compass by

at

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Variation of the Compass by

at

Commences and until 4 a. M. Weather overcast and rainy, Moderate to fresh breeze from S. W. Fires under two boilers for heating ship.

4 to 8 a. M. Ourcast rainy weather. Gentle to moderate breeze in squalls from S. W. Cleased Show J. Wymne. 11st. class machinist ) and Show Thornton (200 class machinist) from confine ment. Making preparations for striking down Topmasts. Gives banked under two boilers for heating ship.

Signed Chal Ather Link. Signed And Robbins Limit. Signed or f. J. J. Halpine Energy 12 to 4 P. M. Weather overcast and squally. Growing colder. Crew at work getting coal and stores ashore.

Signed Collect Lieut. Lieut. Light variable breezes Finished discharging coal.

How Fair and pleasant with light variable breezes Finished discharging coal.

Something the Meather clear, growing cold. Light airs from M. M. Clear Lieut. Signed Collect Lieut.

Longitude by Chronometer from Observations Variation of the Compass by Amplitude

Variation of the Compass by

observed at Sunset

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				WINDS.		N. S	BAROMET	FER.	TEMP	PERATUR	R.	State of the	Forms of	of Clear in 10ths.	State	Paral (a) and a
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			f the Compass by A											,	"	
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, 1885.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Covermences and until 4 a.M. Cloudy and cool, light breeze from S. W.

4 to 8 aM. Cool and pleasant. Landed main yard on wharf.

5 aM to Meridian. Weather clear and cool Light breeze from S. W. Creek at work stripping ship and passing material into stockoules.

Weridian to 4 aM. Oleasant weather. Light airs from S. E. to S. W. Crew employed in transporting coal and regging up to the stockouses and handing the boats up on the ways:

4 to 8 O.M. Weather clear and cool Light breeze from A. W. Fires banked under two boilers for heating ship.

80 M to Mid. Clear and cool, light breeze from N. W.

O. Gees R. Lieut.

80 M to Mid. Clear and cool, light breeze from N. W.

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i					WINDS.			BAROME	TER.	TEN	IPERAT	URE.			Sear ths.		
	Hour.	Knotz	Fathoma.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb	Air, Wet Bulb.	Water at surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Roord of the sail the vessel is under at end of watch.
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				y D. R. at Noon										0	,	"	
				by D. R. at Noon										•	,	"	
				y Observations at N	oon ⊙									•	,	"	
				by Chronometer fro		vations	. 0							0-	,	"	
				uring the time				r, setting	to the								
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Commences and until, 4 a.M. Clear and cold. Light breeze from N. W. Fires banked under two boilers for heating ship banked under two boilers for hearing snip

W. G. Hannant Ensign

4 to 8 am. Weather clear and cold Light airs from N. W.

60. Reed Lieut fau & mund. from not House of many and aughter Paid of and many Baides off the affrenties and one of the mont at its. experation on board the les. S. Munesta Lynne win draw mucel to 4 Pun. meather clear-revol. Light variable and. Pana off slubs doubany to 301st dea + grantie them leave of on one the u. S. R. S. Tomount at superation for de change W.Y. Haming. 4t f Rece. cen sare a modernie brugg from and Syrie a Wign. Inwen Clarede Moderate Weberger Signe wis. Hammen Edagin

## LOG of the United States Sleumer Ernen"

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		Varia	ation o	of the Compass by A	Azimuth O observe	d at								•	'	"	
		Wate	r expe	ended during the pro	eceding 24 hours					**		•			ga	llons.	
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Longitude by Chronometer from Afternoon Observations ⊙	•	- '	"
Longitude by Chronometer from Observations *	•	,	"
Variation of the Compass by Amplitude observed at Sunset			"
Variation of the Compass by at		,	"

under the command of Communities A.H. McCommit ( , U. S. Navy,

Thursday, formery 15th , 1885.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and mutil of A.M. - Monther alian and color

bommence and mutil of the. - Henthen clear and colded

i pint part of watch clouding up: latter part

H to 8 pm.

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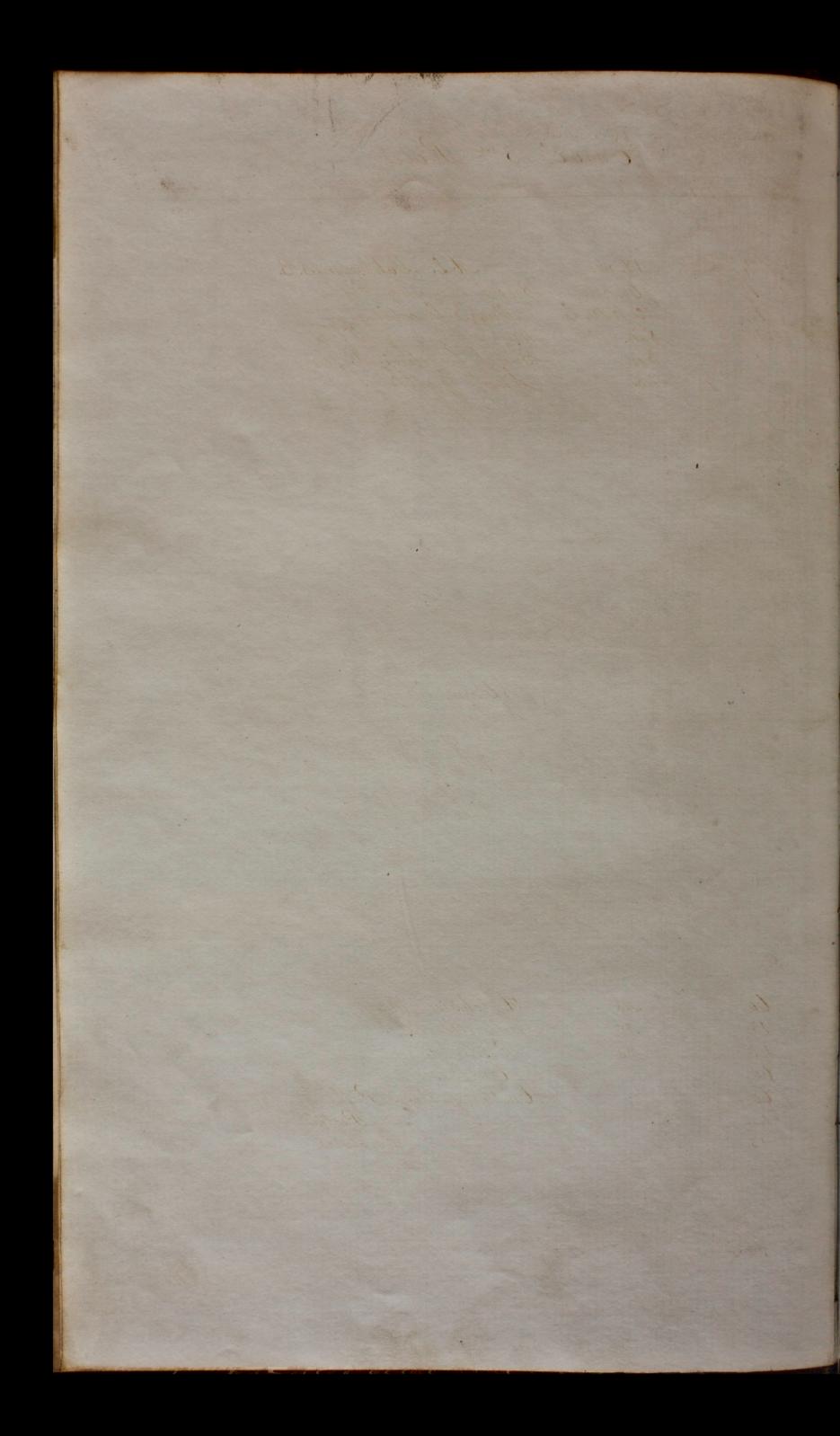
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Approvedo MM Anick



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